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U.S. Department of Agriculture

**DEPENDABLE SEED SERVICE  
SINCE 1881**

**CASSEL'S  
"DEPENDABLE"  
SEEDS and FEEDS  
POULTRY AND FARM  
SUPPLIES**

**DESCRIPTIVE CATALOGUE**

**1929**

**CASSEL'S SEED STORE  
F. P. CASSEL'S SON  
LANSDALE -- PENNSYLVANIA**

## **"Cassel's Dependable" Quality — Service — Price**

We are herein giving description of varieties of seeds that have been found through tests by growers and reports from our customers to be the most desirable varieties.

We have always endeavored to supply seeds of highest quality and germination, placing our growing contracts with most reliable seed growers. They are grown under careful supervision, are fresh tested, and should please the most critical trade. We operate our own seed tester, which assures our customers of seeds of good germination. We believe, considering the quality of seeds we are offering, our prices are right and will merit your order.

We select our seed with great care both for our own and our customers interest and we endeavor to supply only those seeds that will give best results, however, most of the failures with seeds, plants and bulbs are due to variable causes entirely beyond our control, such as unfavorable weather or soil conditions, too deep or too shallow planting, fertilizing, cultivation, etc., which renders it impossible for us to guarantee successful results and all our seeds are sold with the understanding that if the purchaser does not accept seeds on these terms, they shall be returned to us at once and amount paid will be refunded.

**DISCLAIMER**—F. P. Cassel's Son gives no warranty, express or implied, as to the description, quality, productiveness or any other matter of any seeds, bulbs, roots or plants he sells and will not be responsible for the crop.

**TERMS:** Our terms are strictly cash with order. Remittance may be made by Postal Money Orders, Stamps, Registered Letter, or personal check. Where personal check is received from unknown parties, same will be cashed before order is executed. All bags and packages are included on Seeds and Feeds without extra charge. All prices are subject to change, unsold, confirmation, and f. o. b., Lansdale, Pa.

All goods are f. o. b. Lansdale except 10-cent and ounce packets of vegetable and flower seeds which are postpaid without extra cost. If Peas, Beans, Corn or other items listed in catalog are wanted by parcel post, be sure to add postage to your order.

Where no variety is specified, it is our rule to supply what we consider the most desirable. Varieties not listed herein we can usually supply on special order.

It is our desire that our organization shall be of real service and good to our many customers and to the community. Crop and market conditions and other information we will be glad to give at any time.

We much appreciate the patronage our many customers have given us during the past 48 years and trust we may merit a continuance during 1929. All orders with which we are favored will be gratefully received, and will have our best and careful attention.

Regular Business Hours — 7 A. M. to 6 P. M. except Saturday closes at 12 o'clock noon.

For the convenience of our customers coming from a distance, during the months of MARCH, APRIL and MAY store is open on SATURDAY AFTERNOONS until 4.30.

During the summer months while Daylight Saving is in effect, we operate on the Daylight Saving Schedule.

## **CASSEL'S SEED STORE**

**F. P. Cassel's Son—Lansdale, Pa.**

**(S. H. Cassel)**

Errors and Omissions Excepted

February 1, 1929

Bell Phone 123

## INDEX

	Page		Page
Vegetable Seeds .....	4-29	Fertilizer .....	42
Flower Seeds .....	30-31	Sheep Manure .....	2
Lawn Grass Seed .....	3	Spray Pumps .....	44-45
Mulford Culture .....	37	Insecticides .....	40-42
Clover and Farm Seeds .....	32-36	Garden Tools and Implements .....	43
Seed Corn .....	38	Brooder Stoves .....	50
Seed Potatoes .....	39	Poultry Supplies .....	46-49
		Poultry Feeds .....	51-56

## PLANTING GUIDE—Vegetable and Flower Seeds

Based on favorable spring weather conditions.

**FEBRUARY**—House or hotbed. Early Cabbage, Cauliflower, Pepper, Egg Plant, Tomato, Chinese Celery Cabbage.

**MARCH**—House or hotbed. Lettuce, Parsley, Radish, Kohl Rabi, Celery, Muskmelon, Cucumber, Flower Seeds. Cold frames: Beets, Cabbage, Celery, Cauliflower, Head Lettuce, Parsley, Radish, Kohl Rabi, Carrot, Onion. In open ground: Sweet Peas, Smooth Early Peas, Radish, Early Potatoes, Lettuce.

**APRIL**—In open ground: Asparagus, Asparagus Roots, Beet, Broccoli, Brussels Sprouts, Carrot, Celeriac, Celery, Chicory, Chinese Cabbage, Corn Salad, Cress, Endive, Kale, Kohl Rabi, Leek, Lettuce, Onion, Onion Sets, Parsley, Parsnip, Early Peas, Rhubarb Roots, Radish, Sorrel, Spinach, Swiss Chard, Turnip, Dandelion, Collards, Potatoes, Horse Radish Roots, Mustard, Rhubarb Roots, Lawn Grass Seed.

## PLANTING GUIDE—Farm Seeds

**MARCH**—Red Clover, Alsike, White Blossom Sweet Clover, Timothy.

**APRIL**—Potatoes, Oats, Spring Rye, Spring Wheat, Speltz, Canadian Field Peas, Barley, Spring Vetch, Blue Grass, Herd Grass, Dwf. Essex Rape.

**MAY**—Sudan Grass, Soja Beans, Cow Peas, Sorghum or Amber Cane, Field Corn, Popcorn.

**MAY**—Asparagus Seed, Bush Beans, Pole Beans, Lima Beans, Peas, Sweet Corn, Muskmelon, Water-melon, Parsnips, Pumpkin, Squash, Cucumber, Salsify, Chicory, Okra, Peanuts, Sweet Potatoes, Herbs, Mangle Beets, Broom Corn, Winter Cabbage, Cauliflower, Rhubarb, Pepper Plants, Tomato Plants, Flower Seed, Gladiolus, Cannas, Dahlias, Tuberous, Calladiums, Peonies, Nasturtium.

**JUNE**—Cress, Kale, Kohl Rabi, Lettuce, Summer Radish, Chicory, Winter Beans, Carrots, Chinese Cabbage, Gladiolus.

**JULY**—Bush Beans, Winter Beets, Lettuce, Turnip, Ruta Baga, Winter Radish, Spinach, Endive, Late Peas, Cabbage Plants, Gladiolus.

**AUGUST**—Kale, Mustard, Winter Radish, Spinach, Perennial Flowers.

**SEPT. and OCT.**—Asparagus Roots, Rhubarb Roots, Winter Onion Sets, Corn Salad, Spinach, Peonies, Hyacinths, Tulips, Crocus, Narcissus.

**JUNE**—Millets.

**JULY**—Buckwheat, Sand or Hairy Winter Vetch, Crimson Clover.

**AUGUST**—Timothy, Clover, Alsike, Permanent Grass Mixtures.

**SEPTEMBER**—Timothy, Winter Rye, Winter Wheat.

### PARCEL POST RATE

**Weight Limit** — The weight limit within the first, second and third zones is 70 pounds and within all other zones 50 pounds. Shipments of 20 pounds or over are cheaper if sent by Express beyond the third zone.

Parcels can be insured as follows: Up to \$5, 5c; \$5 to \$25, 8c; \$25 to \$50, 10c; \$50 to \$100, 25c; which insures against loss or damage.

DOMESTIC PARCEL POST RATES Within the U. S. and Possessions, zones from Lansdale			For First Pound	For Each Ad- ditional Pound
First Zone within	50 miles		\$0 07	\$0 01
Second "	50 to 150 "		07	01
Third "	150 to 300 "		08	02
Fourth "	300 to 600 "		08	04
Fifth "	600 to 1000 "		09	06
Sixth "	1000 to 1400 "		10	08
Seventh "	1400 to 1800 "		12	10
Eighth "	over 1800 miles		13	12

# Wizard

TRADE BRAND MARK

## Sheep Manure



For LAWNS, FLOWERS,

### VEGETABLES and FIELD CROPS

WIZARD will make your lawn and garden the attraction of your neighborhood. This natural, weedless fertilizer supplies the humus and plant food necessary to make all plants grow and produce pleasing results.

**FOR LAWNS**—Wizard produces thick, velvety, green lawns of lasting beauty. It will put new life into your old lawn. Early in spring apply 10 lbs. to 100 sq. ft., and rake into the surface soil when making new lawns. On old lawns 6 lbs. per 100 sq. ft. will bring about a wonderful improvement.

**FLOWER GARDENS**—Luxuriant growth of healthy, green foliage and a wealth of vivid colored flowers quickly follow the use of WIZARD. Give your plants a chance to develop their real beauty by mixing WIZARD with the soil under new plantings and top dressing established plants with 10 lbs. to 100 sq. ft. of soil. Occasional applications of liquid manure will prolong the blooming season. Feed your plants if you want results.

**VEGETABLES and FRUIT**—Every gardener knows that there is nothing better than manure to build up the soil. WIZARD is practical and will produce big crops of crisp, tender vegetables for the early market. WIZARD also improves yield, color and flavor of fruit crops. Use 1000 to 1500 lbs. per acre.

Applications can be made broadcast after plowing and harrowed into the soil at the rate of 1000 to 1500 lbs. per acre. If used in the drill at planting time, use 700 to 1000 lbs. per acre. Side applications later in the season will be found very profitable.

For making potting soil—mix thoroughly one part of Sheep Manure with six parts of soil.

**Liquid Manure**—for house plants and window boxes is made by mixing one-pound of Sheep Manure in 5 gallons of water. Use twice weekly.

It supplies your soil with large quantity of plant food and organic matter, at the same time making it loose and mellow. It is a natural concentrated manure that gives the soil what it needs to make things grow. It is prepared from especially selected sheep manure, free from inferior matter and rubbish. It is thoroughly dried and sterilized by a special direct heat process, avoiding the danger of weed seeds which are eliminated through the sterilization. WIZARD BRAND has been well known for many years as the most dependable and effective brand of sheep manure.

2 lbs., 15c; 5 lbs., 32c; 10 lbs., 55c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.95; 500 lbs., \$14.00; 1000 lbs., \$26.00; 2000 lbs., \$50.00.

### WIZARD SHREDDED COW MANURE

Same price as WIZARD Sheep Manure

Have a Beautiful Lawn—Use  
**GREEN QUICK**  
**LAWN GRASS SEED**

This is composed of a selection of the most desirable grasses, including Blue Grass and White Clover, for quickly producing a beautiful lawn and at the same time contains the varieties that are needed to make a permanent lawn, forming a thick, fine turf that will stand drought well. It grows quickly, and we recommend its use on new lawns and embankments. It has been giving most excellent and pleasing results in past years. Contains only the highest re-cleaned qualities of the heaviest grades of seed and we avoid using grades of seed that are light and bulky, containing a large amount of chaff, which could be sold at a much less price but cannot produce the desired results. Light weight seed containing much chaff is usually sold by quart or bushel measure and to the buyer this is paying for an unknown quantity and quality.

1 lb., 40c; 10 to 24 lbs. @ 38c lb.; 25 lbs. and over @ 35c lb.

**EVERGREEN LAWN GRASS SEED**

This mixture is prepared especially for seeding established lawns during the spring and early summer to renew and maintain a continued thick, soft, velvety turf, containing sufficient White Clover to produce a beautiful blend of grasses.

1 lb., 40c; 10 to 24 lbs. @ 38c lb.; 25 lbs. and over @ 35c lb.

**SHADY LAWN GRASS SEED**

Prepared especially for use under trees and in shaded spots.

1 lb., 50c; 10 to 24 lbs. @ 48c lb.; 25 lbs. and over @ 45c lb.

**BLUE GRASS**

**KENTUCKY**—Highest quality. Extra heavy seed.

\$40.00 per 100 lbs.; 45c per lb.

**KENTUCKY** "Fancy," the grade that is usually offered by the trade.

\$35.00 per 100 lbs.; 40c per lb.

**CANADIAN**—

\$25.00 per 100 lbs.; 30c per lb.

**WHITE DUTCH CLOVER**

Generally used for lawns. Also used in mixtures for permanent pasture. Our quality is extra fancy.

We make special effort to obtain this extra fancy quality, which is not to be compared with most of the White Clover offered.

100 lbs., \$35.00; 1 lb., 40c.

**Bone Meal for Lawn Fertilizer**

Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We especially recommend this for lawns, gardens and greenhouses; insures steady lasting supply of plant food. It is well to apply this during the fall or early in the spring.

5 lbs., 33c; 10 lbs., 58c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25; 500 lbs., \$15.50.

## ASPARAGUS

Culture—1 oz. should produce about 400 plants.

Sow early in spring about 1 inch apart in rows 2 ft. apart and cover lightly. Keep free from weeds and re-set in fall or following spring.

**BARR'S MAMMOTH**, Green Sprout; **PALMETTO**, Green Sprout; **GIANT ARGENTEUIL**, White Sprout.

Pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 50c; lb., 80c.

**MARY WASHINGTON**, Dark Green Sprout.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., 90c; lb., \$1.60.

### Asparagus Roots

Market is variable, prices subject to change.

Culture—5000 roots to 1 acre. 100 per 100 ft. row.

Plant early in spring. Select good loamy soil. Cultivate deep. Dig trench 12 to 15 inches deep. Fill in with bone, stable or other good manure to within 10 inches of top. Cover with 2 inches ground, set roots 12 to 15 inches apart and fill in to top of trench. Place rows in garden 2 ft. apart, in field culture 4 ft. apart.

**WASHINGTON**—A new rust-resisting asparagus recently introduced, which is highly recommended and may largely replace older varieties. A heavy yielding variety with long thick, heavy stalks, closely folded at the tips. Does not open out or begin to sprout until well out of the ground. Color, rich, dark green.

Per 1000, \$12.00; 500, \$6.50; 100, \$1.50; less than 100 @ 2c each.

**PALMETTO**      **BARR'S MAMMOTH**

**GIANT ARGENTEUIL**

Per 1000, \$9.00; 500, \$5.00; 100, \$1.40; less than 100 @ 2c each.

Salt for Asparagus—100 lbs., \$1.20; ton, \$23.

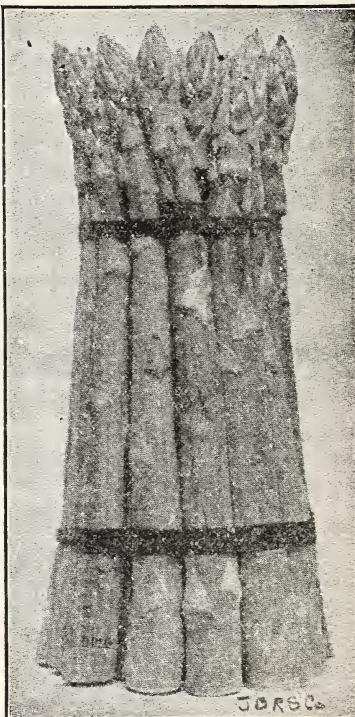
Asparagus Knives, V shaped blade, 55c.

Asparagus Buncher, \$4.75.

Asparagus Twine, Jute—Many ends, cut to size as wanted, lb., 35c.

Asparagus Tape—Red, 1000 yard spool \$4.50.  
Raffia, natural color, lb., 50c.

Asparagus



## BROCCOLI

Is similar to and culture is same as Cauliflower.

**EARLY LARGE WHITE FRENCH**—

Pkt., 10c; 1/2 oz., 40c; oz., 60c; 2 oz., \$1.10; 4 oz., \$2.00; 8 oz., \$3.75.  
lb., \$7.00.

**ITALIAN GREEN SPROUTING**—

Pkt., 25c; oz., \$1.25; 4 oz., \$4.00; lb., \$15.00.

## BRUSSELS SPROUTS

Culture—Same as cabbage which it resembles, the edible part being the numerous small heads or sprouts formed on the stalk at each joint. Plant about May 15th.

**LONG ISLAND**—

Pkt., 10c; 1/2 oz., 17c; oz., 25c; 4 oz., 85c; 8 oz., \$1.60; lb., \$3.00.

## BEETS

**Culture**—2 oz. to 100 ft., 5 to 6 lbs. to acre. Plant in light, rich, well-worked soil as early in spring as ground will permit, in rows from 12 to 24 inches apart, about  $\frac{1}{4}$  inch deep. For main crop sow early in May and for winter use sow in June. Thin out to 3 inches apart.

**CASSEL'S FAVORITE EARLY**—A special selection of Crosby with smaller top and tap root, uniform. Very dark red with little tendency to zoning. An excellent variety.

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 40c; 8 oz., 65c; lb., \$1.20.

**EARLY ECLIPSE**—A most desirable variety for either market or home gardens. Rapid growth, excellent globe-shaped form, small tops, medium size, bright red or crimson flesh, fine grained and of a delicious flavor. Matures for use in 40 to 45 days.

Pkt., 10c; oz., 15c; 2 oz., 25c;  
4 oz., 35c; 8 oz., 55c; lb., 90c.

**DETROIT DARK RED**—An excellent medium early or main crop variety for home or market gardeners and for canning purposes. Roots uniformly smooth, of medium size, globe shaped. Skin dark red, flesh solid, rich blood red, sweet, tender and delicious. The tops are small, dark green shaded with red, and of upright growth, thus allowing planting in close rows, a valuable feature where space is limited. Fine for market bunching. Matures for use in 48 to 52 days.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.00.

### DELICIOUS VERY DARK RED

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 80c.

### CROSBY'S EGYPTIAN

### HALF LONG BLOOD

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.00.

### BASSANO

### CRIMSON GLOBE



J.B.R.S.C.

Detroit Dark Red Beet

## MANGLE BEETS FOR FEEDING

**Culture**—2 oz. to 100 ft.; 5 to 6 lbs. to acre.

Sow early in May in rows 2 to 3 ft. apart. Seed should be dropped 2 inches apart. Cover with 1 inch of soil. Later thin out to stand 9 to 15 inches apart.

**MAMMOTH LONG RED**—Attains very large size, producing 30 to 50 tons to the acre. Roots long and uniformly round, light red, growing well above the ground. Flesh rose colored and white.

Oz. pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 35c; lb., 60c; 5 lbs., \$2.50;  
10 lbs., \$4.75.

**GOLDEN TANKARD**—Roots large, long and round in shape, narrowing abruptly at both ends. Skin deep orange yellow. Flesh is yellow zoned with white. Neck and top are small. Sweet and productive.

Oz. Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 35c; lb., 60c; 5 lbs., \$2.50;  
10 lbs., \$4.75.

## BROOM CORN

**Culture**—Sow in drills 3 ft. apart, about 8 lbs. to acre, thinning out stalks to stand 8 to 10 inches apart in the row. Cultivate like corn. Cut when seed is in the milky state.

$\frac{1}{2}$  pt., 10c; pt., 17c; qt., 30c; 2 qt., 55c; 5 lbs., 90c; 10 lbs., \$1.60.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

## BEANS Dwarf Wax Pod Varieties

Culture—1 pt. to 100 ft.; 1 bu. per acre.

A succession of plantings can be made from May 1 to August 1. Plant in rows or drills 18 to 24 inches apart, 2 inches deep and beans about 2 inches apart.



Cassel's Favorite Round Pod Wax Beans

NOTE—Our prices are per quart equal to about 2 lbs.

**CASSEL'S FAVORITE ROUND POD WAX** (Brittle Wax)—An excellent early round podded stringless variety of highest quality, maturing early, prolific. Pods 5 to 6 inches long and of a light yellow wax-like color. Seed white with a brownish-black eye. This is our leading wax bean and will please the most critical trade. Matures for use in 45 to 50 days.

½ pt., 25c; pt., 45c; qt., 80c; 2 qt., \$1.50; 4 qt., \$2.90; 15 lbs., \$5.50.  
Crop is exceptionally short and our supply is limited and prices are subject to change.

**EARLY PROLIFIC WAX**—An extra early wax variety of highest quality, semi-round stringless, very fleshy. Pods 6 to 6½ inches long, uniformly curved, brittle. Plant vigorous and productive. Color of pod bright yellow. Seed amber. Matures for use in 40 to 45 days, about one week earlier than our Favorite Round Pod Wax.

½ pt., 23c; pt., 40c; qt., 75c; 2 qt., \$1.40; 4 qt., \$2. 65; 15 lbs., \$5.00.

### CASSEL'S IMPROVED GOLDEN WAX (Flat Pod)

**UNRIVALLED WAX**      **CRYSTAL WAX**      **WEBER'S WAX**

½ pt., 23c; pt., 40c; qt., 75c; 2 qt., \$1.40; 4 qt., \$2. 65; 15 lbs., \$5.00.

### DELICIOUS BLACK WAX

Pods round, nearly straight, 6 to 7 inches long, rich yellow, stringless, tender and of highest quality. Plant healthy and prolific. Matures early.

½ pt., 23c; pt., 40c; qt., 75c; 2 qt., \$1.40; 4 qt., \$2.65; 15 lbs., \$5.00.

## BEANS—Continued

### Dwarf Green Podded Varieties

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

**GIANT STRINGLESS GREEN POD**—Most desirable of the green podded varieties. Pods 5 to 6 inches long, round stringless, brittle and very fleshy, early, hardy and of high quality. Matures for use in 40 to 45 days.

½ pt., 25c; pt., 45c; qt., 85c; 2 qt., \$1.55; 4 qt., \$2.95; 15 lbs., \$5.60.  
Crop exceptionally short—Quantity limited.

**BOUNTIFUL**—Most productive flat green podded stringless type. Vigorous and disease resisting. Pods 6 inches long, broad, thick, very brittle, light green in color. Matures for use in about 50 days.

½ pt., 25c; pt., 45c; qt., 85c; 2 qt., \$1.55; 4 qt., \$2.95; 15 lbs., \$5.60.  
(Quantity limited.)

### IMPROVED RED VALENTINE

#### DWARF HORTICULTURAL (Italian Bean)

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.30; 15 lbs., \$4.35;  
25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$25.00.

### Winter Shelling Dwarf

**Culture**—Same as Wax Beans except they should not be planted until after June 20th to avoid weevil.

**WHITE NAVY or PEA BEAN**

**EGG MARROW**

**WHITE KIDNEY**

**CRANBERRY MARROW or MEDIUM WHITE**

**RED KIDNEY**

½ pt., 17c; pt., 30c; qt., 55c; 2 qt., \$1.05; 4 qt., \$2.00; 15 lbs., \$3.75;  
25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

### Pole or Running

**Culture**—Similar to Pole Limas.

**GOLDEN CLUSTER WAX**—An excellent pole wax podded variety. Vigorous, hardy and productive. Pods 6½ to 7 inches long, straight, broad and flat, very fleshy, attractive and high quality. Color light waxy yellow. Bean white, oval shaped. They remain in condition for use a long time. Mature for use in about 70 days.

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.20; 15 lbs., \$3.75;  
25 lbs., \$5.75; 50 lbs., \$11.00; 100 lbs., \$21.00.

**KENTUCKY WONDER or OLD HOMESTEAD (Green Pod)**—The most desirable green podded climbing or corn-hill bean. Pods 8 to 9 inches long, slender, decidedly curved, tender, of good quality and productive. Mature for use in 65 to 70 days.

½ pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.15; 4 qt., \$2.20; 15 lbs., \$3.75;  
25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

**IDEAL MARKET (Green Pod—Early and Productive.)**

**LAZY WIFE (Green Pod)**

**CASE KNIFE (Green Pod)**

**HORTICULTURAL (Green Pod)**

**KENTUCKY WONDER WAX**

½ pt., 20c; pt., 35c; qt., 65c; 2 qt., \$1.20; 4 qt., \$2.20; 15 lbs., \$3.75;  
25 lbs., \$5.75; 50 lbs., \$11.00; 100 lbs., \$21.00.

## BUSH LIMA BEANS

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

Culture—1 pt. to 100 ft. row; 1 bu. per acre.

Plant after May 20th in rows 2 to 3 ft. apart and place bean with eye down 6 inches apart in the row. Cover with about 1 inch soil.

NOTE—Our prices are per quart equal to about 2 pounds.

**FORDHOOK BUSH LIMA**—A most excellent variety of highest quality. Pods about 5 inches long, containing 4 to 5 large, oval-shaped, very thick beans. Produces beans in clusters and plants are of a strong upright growth, preventing rotting during wet weather. Mature for use in 70 to 75 days. Have a distinctive mealy taste. Crop is unusually short and it may be necessary to advance prices on this variety later.

½ pt., 25c; pt., 45c; qt., 85c; 2 qt., \$1.60;  
4 qt., \$3.10; 15 lbs., \$5.50; 25 lbs., \$8.00;  
50 lbs., \$15.50; 100 lbs., \$30.00.

**IMPROVED BUSH LIMA**—Bean is large and thick. Pods measure 5 to 6 inches long, are strong and vigorous, producing attractive pods in clusters and are of a delicious flavor. Productive and more hardy for early planting than some types, being less likely to rot in cold weather.

½ pt., 23c; pt., 40c; qt., 70c; 2 qt., \$1.30;  
4 qt., \$2.45; 15 lbs., \$4.25; 25 lbs., \$6.50;  
50 lbs., \$12.50; 100 lbs., \$24.00.

**HENDERSON BUSH**—Small flat bean.

½ pt., 20c; pt., 33c; qt., 60c; 2 qt., \$1.15;  
4 qt., \$2.20; 15 lbs., \$3.75; 25 lbs., \$5.50;  
50 lbs., \$10.50; 100 lbs., \$20.00.

## POLE LIMA BEANS

Culture—1 qt. to 150 hills.

Plant after May 20th in rich, loamy soil. The germ is delicate and the ground should be warm. Set poles 3 ft. apart each way. Plant 4 beans to a hill, eye of bean down. Cover with 1 or 2 inches soil.

**GIANT GREEN PROLIFIC**—Most desirable of the flat pole limas. Large pods about 6 to 7 inches long, borne in clusters. Of excellent quality.

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.20;  
25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.

**DREER'S IMPROVED or CHALLENGER**—Plants vigorous, hardy and productive. Pods contain 4 to 5 thick medium size light green beans. Also known as Potato Lima. Produces more shelled beans than the flat podded sorts. Continues to produce for a long time.

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.45; 15 lbs., \$4.10;  
25 lbs., \$6.25; 50 lbs., \$12.00; 100 lbs., \$23.00.

## KING OF THE GARDEN

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 15 lbs., \$3.75;  
25 lbs., \$5.75; 50 lbs., \$11.00; 100 lbs., \$21.00.

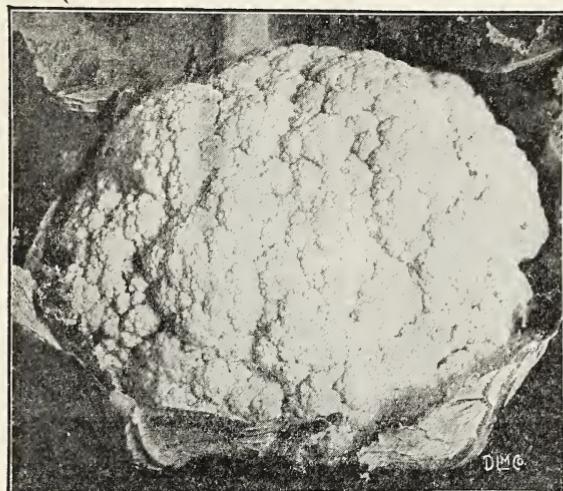


Fordhook Bush Lima

## CAULIFLOWER

Culture—1 oz. should produce 2000 plants.

May be grown both early and late. For early crop, sow in hotbeds, January or February and transplant after freezing weather. For late crop, sow in May or June. Set plants 24 to 36 inches apart each way. Fertilize with light dressing of Nitrate of Soda and Potash.



Snowball Cauliflower

**SNOWBALL**—The finest and most popular early variety, producing heads of good size, firm, compact, solid and very white, with few short outside leaves.

Pkt., 10c and 20c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 4 oz., \$7.90.

**DRY WEATHER**—Large, medium early variety producing compact heads. Has remarkable heat-resisting qualities. Desirable for growing in dry locations.

Pkt., 10c and 20c; 1/4 oz., 75c; 1/2 oz., \$1.35; oz., \$2.50; 4 oz., \$7.90.

## CHINESE or CELERY CABBAGE

Culture—Grows like Cos Lettuce. Sow seed like Cabbage in February in hotbeds or main crop early in July. Will not stand frost.

**PE-TSAI**—Pkt., 10c; 1/2 oz., 22c; oz., 35c; 2 oz., 55c; 4 oz., 90c; 8 oz., \$1.60; lb., \$3.00.

**CHIHHLI**—Pk., 10c; 1/2 oz., 25c; oz., 40c; 2 oz., 75c; 4 oz., \$1.35.

## CORN SALAD

Culture—1 oz. to 100 ft. row.

For summer use, sow early in spring; for winter and spring use, sow in August and September. Rows about 1 ft. apart. Use same as Lettuce or Spinach.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

USE

**WIZARD**  
BRAND Sheep Manure

FOR VEGETABLES,  
FLOWERS, BULBS

## SWISS CHARD

**LUCULLUS**—An improved type, upright growth, leaves yellowish-green, much crumpled and curled. Mid-rib and veins white. Stalks thick, broad and flat. A delicious vegetable when cooked and served like Asparagus.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.00.



Swiss Chard, Lucullus

## CARROTS

**Culture**—1 oz. to 100 ft. row; 4 lbs. to acre.

Seed may be sown early in spring as soon as the weather will permit and may be continued until middle of July. For main crop, sow during May. Thin out plants to 5 or 6 inches apart. Rows should be 18 to 24 inches apart.

**IDEAL CORELESS**—A new early variety of highest quality, free from woody heart or core. Deep orange color, exceptionally smooth. Size 6 in. by 1½ in. Crisp and sweet.

Pkt., 10c; ½ oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.00.

**DANVER'S HALF LONG**—The best medium early main crop variety. Roots 6 to 8 inches long, tapering to a blunt end. Deep orange, tender and of excellent quality. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.10.

### CHANTENAY (Similar to Danver's) EARLY OXHEART

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.10.

### WHITE BELGIAN and YELLOW BELGIAN

Oz., pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 50c; lb., 85c; 5 lbs., \$4; 10 lbs., \$7.50.

**FORDHOOK GIANT**—As good as Spinach—yields all summer long. Fordhook Giant is an outstanding new Swiss Chard. The rich blue-green leaves are much crinkled or savoyed, and when fully grown, average 10 in. in width by 2½ ft. in length. The texture of the leaves is thick and fleshy, and their quality is highly appreciated when they are boiled. The stems or stalks are pearly white, and they measure 2½ in. in width. They are thick and succulent and may be served as a separate dish in the same manner as Asparagus. Swiss Chard is one of the great health-giving greens.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., 85c; lb., \$1.50.



J.B.R.S.CO

Danver's Half Long Carrots

## **CABBAGE**

**Culture**—1 oz. for 2000 plants; 4 to 6 oz. for plants for 1 acre.

Early varieties should be sown in hotbeds in February. Set out early in April, weather permitting, in rows about 2 ft. apart and 18 to 24 inches between the plants in the row. Early crop should mature in July. Plant second early varieties in April and set out in May, which matures in August and September. For late fall and winter use, plant in May and June, set out in July and crop matures in October and November. To prevent green worms and bugs on Cabbage, use Slug Shot. For aphis, or louse, use Tobacco Dust or Nicotine Sulphate.



**Copenhagen Market Cabbage**

**COPENHAGEN MARKET**—The best extra early variety. Very fine quality. Stems short, heads large, uniform, round and very solid with few outer leaves. Of an upright growth. Heads average about 8 to 10 lbs. Will stand a long time without bursting. Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 35c; 2 oz., 60c; 4 oz., \$1.10; 8 oz., \$1.85; lb., \$3.50.

**GOLDEN ACRE**—A new special extra early selection of Copenhagen type and the earliest of the round-headed cabbages. Plant dwarf and compact with few outer leaves. Heads of medium size, round as a ball, hard, solid, and very uniform. About 10 days earlier than Copenhagen, making it a very valuable sort. Pkt., 10c;  $\frac{1}{4}$  oz., 22c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 4 oz., \$1.80; 8 oz., \$3.20; lb., \$6.00.

**HOLLANDER or DANISH BALL HEAD (Short Stem)**—One of the very best leading hardy winter sorts. Heads large, round and very solid. Fine keeper. Excellent quality. Strong growth. Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.60; lb., \$2.90.

**WINNINGSTADT**

**LATE FLAT DUTCH**

**HOUSER**

**DRUMHEAD SAVOY**

**LATE DRUMHEAD**

**RED DUTCH**

**EARLY JERSEY WAKEFIELD**

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.60; lb., \$2.90.

## CORN

Culture—1 qt. for about 600 ft.; 6 to 8 qts. per acre.

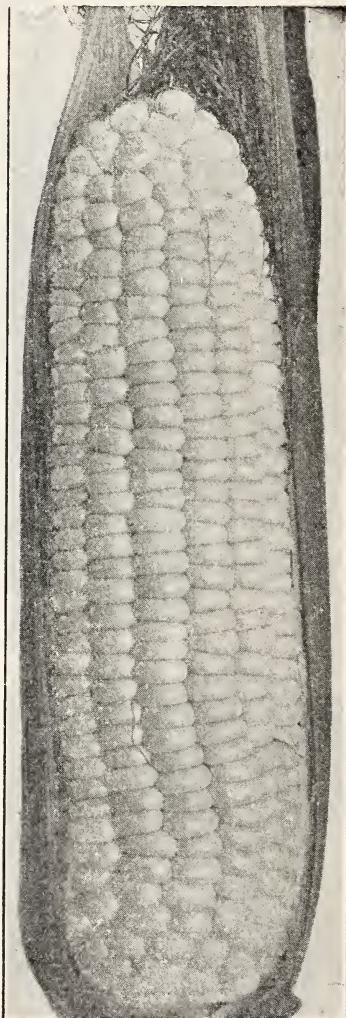
Plant early varieties as soon as soil is in good condition; late varieties from May 20th to July 4th; in rows about 3 ft. apart. Thin out to stand 12 inches apart in row. The early varieties often prove more profitable on account of the scarcity and high price in early season, even though ears are not so large. We advise planting 3 to 5 varieties at one time and Corn will then mature in succession. Soil should be well manured and freely cultivated. We recommend the following succession planted at one time: Cassel's New Wonder, Howling Mob, Early Mammoth, Cassel's Favorite and Dependable Evergreen.

**CASSEL'S NEW WONDER** — Extra Early (see illustration)—Our leading extra early variety, ready for use in about 60 days. Grains deep, rows straight, stalks 5 to 6 ft. high, of unusual vigorous growth. Often two ears to the stalk. Ears 8 inches long, rather blocky in form, 16, 18 and often 20 rowed; filled to the end, with rather narrow, deep, wedge-shaped grains of silvery whiteness and high sugar content. This corn has met with unusual favor and praise from our customers. We recommend it very highly. Of special value to market gardeners.

½ pt., 16c; pt., 27c; qt., 48c; 2 qt., 90c; 4 qt., \$1.65; 8 qt., \$3.10; 25 lb., \$5.75; 50 lb., \$10.50; 100 lb., \$20.00.

**CASSEL'S GOLDEN DELICIOUS**, Extra Early — A remarkable yellow sweet corn of much merit. While the stalks grow 6 ft. or more in height and the 14-rowed ears are 7 to 8 inches in length, this variety matures about 3 days earlier than Golden Bantam. Kernels are broad, deep, and of excellent quality.

½ pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lb., \$6.25; 50 lb., \$11.50; 100 lb., \$22.00.



Cassel's New Wonder Corn

**CASSEL'S FAVORITE**—While this variety is not as early as our New Wonder, it is our preference above all other table corn for general crop. Good size ears with very thin cob, especially sweet and of highest quality, remaining in a continuous edible milky condition for a longer period than other corns. Usually produces two or three ears to stalk. We believe it unequalled for quality. Since it is the slowest corn to harden that we know of, the seed is usually very scarce.

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

## CORN—Continued

**EXTRA EARLY GOLDEN SUNRISE**—Earliest of the Golden Bantam type, maturing a week to ten days earlier than that variety. More dwarf in habit than Bantam, with ears  $6\frac{1}{2}$  inches long. Containing 12 rows of broad, yellow, sweet grains. Especially desirable for its extreme earliness. Does not harden as quickly as Bantam. Often has two ears to stalk.

$\frac{1}{2}$  pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.10; 8 qt., \$4.00; 25 lbs., \$7.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

**EXTRA EARLY MORNING STAR**—The first early corn with decided merit for the market gardener. Ears 6 to 7 inches long, 12 to 14 rows, white grain.

$\frac{1}{2}$  pt., 16c; pt., 28c; qt., 50c; 2 qt., 95c; 4 qt., \$1.75; 8 qt., \$3.25; 25 lbs., \$6.25; 50 lbs., \$11.50; 100 lbs., \$22.00.

**HOWLING MOB**—One of the finest second early, 65-day corns. Ears are 9 to 10 inches long, 16-rowed, white, and of fine quality. Very productive.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**EARLY MAMMOTH**—A medium early Corn, about 70 days. Ears 8 to 9 inches long, 14-row, broad, tender and sugary. Medium deep grain. A ready seller for market gardeners.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**COUNTRY GENTLEMEN** (Sometimes called Shoepeg)—An especially fine quality Corn. Ears 7 to 8 inches long, small cob, deep slender white grains running zigzag without row formation. About 75 days.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

**CASSEL'S DEPENDABLE EVERGREEN** (Narrow Grain)—A splendid high quality evergreen, slightly earlier than Stowell's. About 75 days. Large ear with small cob, having 18 to 20 rows of very deep, narrow white grains. We believe it is the most desirable canning variety.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

**STOWELL'S EVERGREEN**—The standard and best known sweet corn. Long ears with deep, broad, sweet grains. Of high quality and much in demand.

$\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65; 25 lbs., \$4.50; 50 lbs., \$8.00; 100 lbs., \$15.00.

**GOLDEN BANTAM**      **WHITE EVERGREEN**      **BLACK MEXICAN**  
 $\frac{1}{2}$  pt., 15c; pt., 25c; qt., 45c; 2 qt., 80c; 4 qt., \$1.45; 8 qt., \$2.65;  
25 lbs., \$4.75; 50 lbs., \$8.50; 100 lbs., \$16.00.

## POP CORN

**WHITE RICE**  
**JAPANESE RICE**

4 oz., 10c; 8 oz., 15c; lb., 25c

**GOLDEN QUEEN**  
**RED BEAUTY**

**PLANTABBS**— Odorless plant food in tablet form for potted and out-door plants and flowers. 25c, 50c and \$1.00 pkgs.

## CELERY

Culture—1 oz. for 4000 plants.

Plant early in hotbed or open ground, providing moist, loose or sandy soil. Ground should be kept moistened. It will be found convenient to lay boards of 3 or 4 inches width and about 1 inch apart, planting seeds between the boards. This will keep a constant moisture and prevent weeds from choking out the plants when small. After Celery is 2 or 3 inches high, remove boards and transplant or reset in trench 6 to 9 inches deep. Well-rotted manure in the bottom of trench, covered with ground, will be of advantage. When plants are half grown, a weak application of Nitrate of Soda in water will force growth. Set plants 6 to 8 inches apart. To bleach, gradually hill up the stalks, taking care that no earth falls into the hearts.

### IMPROVED WHITE PLUME

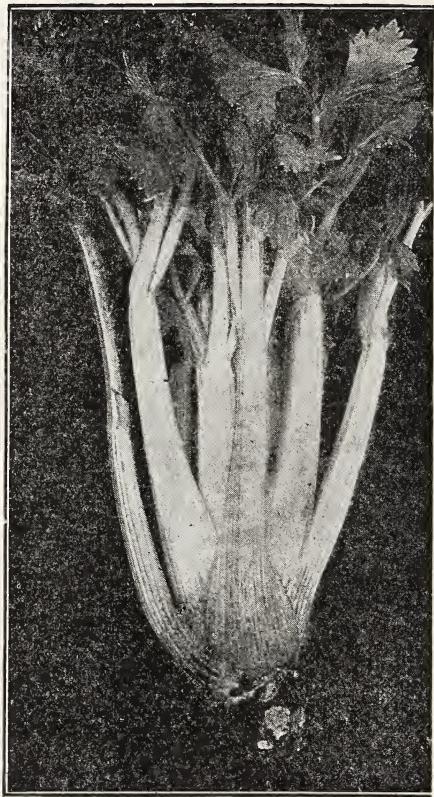
—An excellent early variety, easily blanched. A beautiful silvery-white color. A popular variety for first early market.

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c;  
2 oz., 45c; 4 oz., 85c; 8 oz.,  
\$1.50; lb., \$2.85.

**EASY BLANCHING**—A new variety resembling Golden Self-Blanching except the leaves are green and stalks blanch white instead of yellow. It is more hardy and less liable to blight. Stocky of growth and of medium height. Excellent winter keeper as well as for early use. Of high quality. Pkt., 10c;

$\frac{1}{2}$  oz., 40c; oz., 65c; 2 oz., \$1.10; 4 oz., \$1.95; 8 oz., \$3.65; lb., \$7.00.

Easy Blanching Celery



**CASSEL'S FAVORITE**—Plants dwarf and stocky with large, full, light yellow hearts. Stalks are thick, almost round, of a rich yellow color, and very crisp. Very tender and too brittle for shipment to distant markets. Is considered unsurpassed for its rich, nutty flavor. A superior variety for fall and winter use.

Pkt., 10c;  $\frac{1}{2}$  oz., 40c; oz., 65c; 2 oz., \$1.10; 4 oz., \$1.95; lb., \$7.00.

**DWARF GOLDEN SELF-BLANCHING**—Considered the finest early celery. Compact, stocky, with yellowish-green foliage. Stalks solid, of a fine nutty flavor. Attains good size. Blanches a uniform golden-yellow color.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 50c; 2 oz., 85c; 4 oz., \$1.50; lb., \$5.50.

### GIANT PASCAL SWEET NUT WINTER QUEEN

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 85c; 8 oz., \$1.50; lb., \$2.80.

**GOLDEN PLUME or WONDERFUL**—Resembles Golden Self-Blanching in appearance, crispness and fine nutty flavor, though somewhat earlier, larger and of ranker growth. Blanches quickly with a full heart and rich, golden-yellow color. Apparently more disease resistant than other yellow celeries. A very desirable sort.

Pkt., 10c and 25c;  $\frac{1}{2}$  oz., \$1.00; oz., \$1.75; 2 oz., \$3.25; 4 oz., \$5.75;  
8 oz., \$10.00; lb., \$18.00.

## CUCUMBER

Culture—1 oz. to 50 hills; 2 lbs. to 1 acre.

Plant in warm, moist, rich, loamy ground as early as weather is favorable. Plant hills about 4 ft. apart each way. Mix well-rotted manure with soil. Plant thick on account of insects destroying the young plants. Dust with Slug Shot or Hydroxide (Bordeaux-Arsenate of Lead Mixture) to prevent insects and produce vigorous growth. Spray every 10 days until plants start bearing. Thin out when well started and danger of insects is past, leaving 4 or 5 strong stalks remain to each hill. Continue planting for a succession. Gather when large enough for use whether required or not; if left to ripen on vine, plants stop bearing.



Early Fortune Cucumber (White Spine Type)

**EARLY FORTUNE**—The finest type of white spine yet produced. Early, very productive, and disease-resistant. Fruit  $2\frac{1}{2}$  inches in diameter and 9 inches long, slightly tapering. Flesh white, firm and crisp, with very few seeds. Color rich dark green which does not fade when shipped a long distance. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.20.

**JERSEY PICKLE**—A very productive well-known variety. Fruit about 6 inches long and slender.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 60c; lb., \$1.10.

**LONGFELLOW**—This variety, unlike most other sorts, succeeds equally well in the garden or the greenhouse. The vines are exceptionally healthy and productive and fairly early. The fruits will average 12 to 14 inches in length by  $2\frac{1}{2}$  inches in diameter and are very symmetrical, a desirable and lasting dark green color.

Pkt., 10c;  $\frac{1}{2}$  oz., 15c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 8 oz., \$1.10; lb., \$2.00.



Gem Prolific Pickling Cucumber

**GEM PROLIFIC PICKLING**—Early, symmetrical, uniform and productive pickling variety. Small,  $2\frac{1}{4}$  inches in diameter and 5 inches long, square ended, dark green in color. A selected strain and popular with growers of small pickles. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.20.

**IMPROVED LONG GREEN**—The standard well-known extra long, late table variety. 12 to 14 inches long, slender. Dark green. Flesh white and firm.

**JAPANESE CLIMBING**

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 80c; lb., \$1.40.

**WHITE WONDER**—Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c.

**GERKIN**

## CELERIAC

(Turnip-Rooted Celery)

Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.25.

## CHERVIL

(For Flavoring Soups and Salads)

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

## CHICORY

Witloof

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., \$1.00; lb., \$1.80.

## COLLARDS

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

## CRESS

TRUE WATER—Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c; 2 oz., 80c; 4 oz., \$1.35.

UPLAND CURLED or PEPPER GRASS—Pkt., 10c; 1 oz., 15c; 2 oz., 23c; 4 oz., 35c.

## EGG PLANT

Culture—1 oz. will produce 1000 plants.

Seed is of slow germination and requires moderate heat. Start indoors early in March. Plant outdoors about May 20th, 2 ft. apart each way. Plants are tender and will not stand frost.

BLACK BEAUTY—The leading variety, early, fruit large, good shape, and of rich dark purple color. Productive and thornless.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 2 oz., 75c; 4 oz., \$1.30; 8 oz., \$2.45; lb., \$4.50.

## ENDIVE

Culture—1 oz. to 150 ft. drill.

An excellent salad which can be used at any season of the year, but is generally used for fall and winter. Used also as greens and for flavoring soups. For early use, plant about April 15th, and for fall, in June or July in rows 18 inches apart.

### WHITE CURLED

### BROAD LEAVED BATAVIAN

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

## KALE—BORECOLE

### DWARF PURPLE

### TALL CURLED SCOTCH

### DWARF CURLED SCOTCH

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 60c; lb., \$1.00.

## KOHL-RABI

Culture—1 oz. to 250 ft. drill.

Belongs to the cabbage family. Forms a turnip-shaped bulb above the ground. Used as Turnips. Cultivate same as cabbage. Sow early in spring or in June and July for fall use.

### EARLY WHITE VIENNA

### EARLY PURPLE VIENNA

Pkt., 10c; oz., 25c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.50.

## LEEK

BROAD AMERICAN FLAG—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 65c; 8 oz., \$1.20; lb., \$2.25.

## LETTUCE



Culture — 1 oz.  
to 150 ft. drill.

Thrives on nearly all soil, but for crispness should be planted in rich ground, well cultivated before planting. Sow early as ground can be worked. For early use, the cutting varieties are most desirable. Heading varieties should be transplanted in rows 12 to 18 inches apart, plants set in row every 6 to 10 inches.

Big Boston Lettuce

**EARLY CURLED SILESIAN** (Cutting)—Early, medium large, crisp and has loose, short broad leaves, much crumpled and frilled on the border. Color very light green. Quite similar to the Simpson variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.35.

**MAY KING** (Heading)—A splendid extra early compact heading variety similar to Wayahead, leaves light yellowish-green tinged reddish-brown at the end. Heart rich golden yellow. Quality fine.

Pkt., 10c; 1/2 oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**IMPROVED HANSON** (Heading)—A well-known, reliable, large, sure-heading spring and early summer variety. Leaves large and broad, blistered and crumpled, and border finely frilled. Color light green. Quality good.

Pkt., 10c; 1/2 oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**ALLHEART** (Heading)—Especially desirable for hot weather. Will succeed under most trying weather conditions. Heads medium size, very solid. Leaves thin, tender and crisp, medium green color. Best of Salamander type.

Pkt., 10c; 1/2 oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**SELECT BIG BOSTON** (Heading)—A popular variety. Heads large and very solid. Especially desirable for late fall and cold frame planting. Not recommended for summer. Leaves broad, almost smooth, wavy at edge.

Pkt., 10c; 1/2 oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**NEW YORK or WONDERFUL**—A very large late heading variety. Leaves broad, thick, blistered and crumpled, border frilled, color dark green. Quality good. Known in California and the West as Los Angeles and shipped into the Eastern market under the name of Iceberg.

Pkt., 10c; 1/2 oz., 15c; oz., 25c; 2 oz., 45c; 4 oz., 75c; 8 oz., \$1.35; lb., \$2.40.

**WAYAHEAD**

**BLACK SEEDED SIMPSON**

**ICEBERG**

**SELECT GRAND RAPIDS**

**WHITE COS or ROMAINE**

**MIGNONETTE**

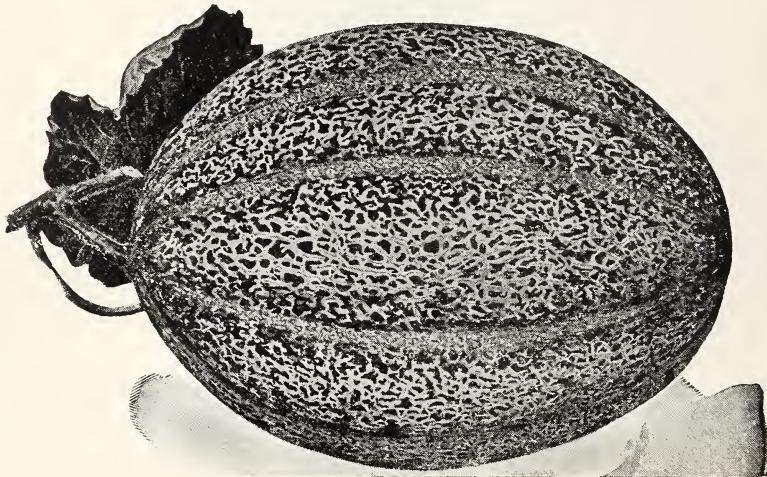
**BRONZE CURLED or PRIZEHEAD**

Pkt., 10c; 1/2 oz., 14c; oz., 20c; 2 oz., 35c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

## MUSKMELON or CANTALOUE

Culture—1 oz. for 50 hills; 2 lbs. per acre.

Plant after May 20th in sandy or mellow soil, well enriched. Hills 4 to 6 ft. apart each way, 10 to 12 seeds to hill, 1 inch deep. Cultivate well. Spray with Hydroxide (Bordeaux Arsenate of Lead) to prevent being destroyed by insects. When plants are beyond danger of insects, thin to 4 or 5 good plants to hill.



Extra Early Osage Muskmelon

**EXTRA EARLY OSAGE**—Good size, flesh, very thick, salmon color, of sweet high quality. Oval shaped. Small seed cavity. We consider it our very best variety.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**EMERALD GEM**—A splendid variety. Fruit deep emerald green in color, globular, distinctly ribbed. Flesh very thick, sweet and of a deep rich salmon color, having an unusual small seed cavity. Our choice main crop Melon for home garden and local market.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 75c; lb., \$1.25.

**EARLY KNIGHT**

**MILLER'S CREAM**

**HONEYDEW**

**ROCKY FORD**

**BANANA**

**JENNY LIND**

**HEARTS OF GOLD**

**ORANGE FLESH**

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 45c; 8 oz., 80c; lb., \$1.45.

## OKRA or GUMBO

Culture—1 oz. for 100 hills.

Sow seed thinly in rich ground about middle of May when ground is warm, in rows 3 ft. apart. Cover seed with 1 inch earth. Later thin out stalks to 12 or 18 inches apart. Cultivate freely. Its green pods are used for flavoring soups and stews.

**PERKIN'S MAMMOTH (Long Green)**—Very early and productive. Stalks 3 ft. high. Pods deep green, long, slender and slightly corrugated. A desirable market variety.

Pkt., 10c; oz., 12c; 2 oz., 17c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## WATERMELON

Culture—1 oz. for 30 hills; 4 lbs. per acre.

Plant after May 20th in rich, sandy or loose soil, when ground is warm. Cultivate as for Muskmelons.

**COLE'S EARLY**—One of the best extra early. Medium size, hardy, nearly round, dark green rind, striped a lighter shade. Flesh deep pink. Seeds black. Excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**LONG LIGHT ICING** (Gray Monarch)—Long, large, medium early, and productive. Rind pale green with mottled tracing of slightly darker shade. Flesh brilliant crimson and of exceptional quality. Seeds white.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

**KLECKLEY'S SWEET**—Good size, medium early, exceedingly sweet. Oblong in form, dark green. Flesh very bright red, ripening nearly to the rind. Excellent main crop for home garden or local market. Too tender for shipping

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

HALBERT'S HONEY  
TOM WATSON

ROUND DARK ICING  
ROUND LIGHT ICING

PRESERVING CITRON

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 55c; lb., 95c.

## MUSTARD

**GIANT SOUTHERN CURLED**—1 oz., to 100 ft. row.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## ONION SEED

Culture—1 oz. for 150 ft. drill; about 5 lbs. per acre for growing large onions.

Sow as early in spring as ground can be worked, thinly in drills about  $\frac{1}{4}$  inch deep, rows 1 ft. apart. Cover lightly with fine soil and press down with back of spade or light roller. Later thin strongest plants to stand 3 to 4 inches apart. Cultivate freely. Another convenient way is to sow early in hotbed or indoors in boxes and transplant when ground is in condition. This overcomes the difficulty of weeds smothering out the onion.

**PRIZETAKER**—Extra large, mild, productive and sure cropper. Globe-shaped, light straw color, attractive. Crisp and solid and a good keeper. Most desirable variety for growing large onions from seed. Very highly recommended as the best. Larger than Danvers.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**YELLOW GLOBE DANVERS**—Dependable, heavy yielder, excellent color, good keeper. Extensively used for many years. Especially desirable for growing onion sets.

Pkt., 10c;  $\frac{1}{2}$  oz., 17c; oz., 25c; 2 oz., 45c; 4 oz., 70c; 8 oz., \$1.20; lb., \$2.20.

**SILVERSKIN or WHITE PORTUGAL**—A large, white, flat onion of mild, pleasant flavor. Hardy and fine-grained. Skin pure white. Extensively grown for sets and largely used as a pickler and for bunching.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 30c; 2 oz., 50c; 4 oz., 80c; 8 oz., \$1.45; lb., \$2.70.

**BERMUDA WHITE**—Pkt., 10c; oz., 40c; 2 oz., 75c; 4 oz., \$1.40.

**RED WETHERSFIELD**—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 65c.

**BOTTLE ONION**—Pkt., 10c; oz., 50c.

## ONION SETS

Culture—Plant early in spring, 3 to 4 inches apart in rows 12 to 15 inches apart.

**WHITE and YELLOW**—We have selected stock. Market is variable and prices will be quoted on request.

**EGYPTIAN or WINTER TOP ONION**—These we can supply after middle of August for fall planting. They are used as scullions in spring. Prices on request.

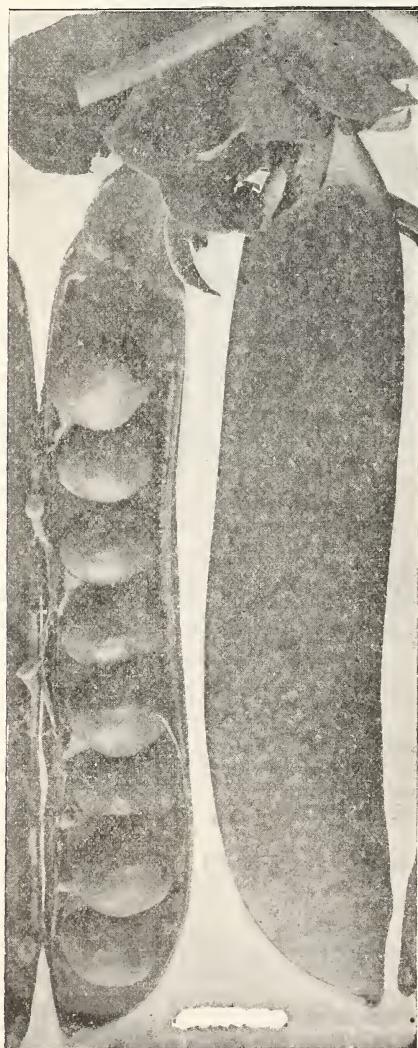
## PEAS

Culture—1 qt. to 150 ft. row.



Peas do best in light, rich, loamy soil. Plant the early smooth varieties just as soon as the ground can be worked during March or April. The wrinkled peas are not so hardy as the smooth kinds and may therefore not be planted as early, owing to their rotting more easily. Wrinkled varieties, however, are sweeter and better flavored. Can continue to plant until June 10th, then discontinue on account of hot weather until August 1st, after which the quick-growing early varieties may again be planted. Rows should be 18 to 24 inches apart.

Please note our prices on Peas are per quart equal to about 2 lbs.



New Wonder Peas

**CASSEL'S FAVORITE** — A large podded, quick producing dwarf variety. Vines are sturdy, about 16" to 18" high. Pods dark green, 4" long, often containing 8 large peas. Quality is excellent and we recommend this as the best, most productive, dwarf wrinkled variety. When a low pea is wanted throughout the season, plant this variety every week or ten days.

1/2 pt., 20c; pt., 35c; qt., 60c;  
2 qts., \$1.10; 4 qts., \$2.00; 15 lbs.,  
\$3.60; 25 lbs., \$5.50; 50 lbs.,  
\$10.50; 100 lbs., \$20.00.

**CASSEL'S NEW WONDER** — A most excellent main crop pea and very showy. Height of vine 2 1/2 ft. sturdy and strong. Pods 4 1/2 inches long, quite broad, straight, medium green, containing 8 to 9 very large sweet, bright green peas. Unusually productive and our trade has reported remarkable and unsurpassed results.

1/2 pt., 20c; pt., 35c; qt., 60c;  
2 qts., \$1.10; 4 qts., \$2.00; 15 lbs.,  
\$3.60; 25 lbs., \$5.50; 50 lbs.,  
\$10.50; 100 lbs., \$20.00.

**PRIZEWINNER**—Very fine, productive, high quality main crop. Height 2 1/2 ft. Vine and foliage sturdy and heavy. Pods dark green, 4 1/2 inches long. Contains 9 extra large, medium green peas of an excellent quality.

1/2 pt., 20c; pt., 35c; qt., 60c;  
2 qts., \$1.10; 4 qts., \$2.00; 15 lbs.,  
\$3.60; 25 lbs., \$5.50; 50 lbs.,  
\$10.50; 100 lbs., \$20.00.

## PEAS—Continued

**MAMMOTH PODDED PROLIFIC** (Extra Early)—Matures extra early, productive, robust, heavy, medium green. Not a wrinkled variety. Height 3 feet. Pods light green, 3 to 4 inches long. We recommend this especially for planting in the early spring during March and April on account of it being a smooth variety which will withstand cold, wet weather.

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.85; 15 lbs., \$3.25; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**IMPROVED GRADUS** (Selected Strain)—A productive extra early wrinkled variety. Strong vines 2 ft. high, pods medium green, 4 inches long, broad and well filled with 7 to 9 very large peas of exceptional quality.

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.85; 15 lbs., \$3.25; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

**IMPROVED THOMAS LAXTON** (Selected Strain)—An early wrinkled variety, 2½ ft. high. Pods medium green, 3½ inches long, broad and thick, containing 7 peas of best quality.

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.85; 15 lbs., \$3.25; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

### LAXTONIAN

### PETER PAN

### BLUE BANTAM

½ pt., 20c; pt., 35c; qt., 60c; 2 qt., \$1.10; 4 qt., \$2.00; 15 lbs., \$3.60; 25 lbs., \$5.50; 50 lbs., \$10.50; 100 lbs., \$20.00.

### LITTLE MARVEL

### SUTTON'S EXCELSIOR

### DARK POD TELEPHONE

½ pt., 18c; pt., 30c; qt., 55c; 2 qt., \$1.00; 4 qt., \$1.85; 15 lbs., \$3.25; 25 lbs., \$5.00; 50 lbs., \$9.50; 100 lbs., \$18.00.

### MAMMOTH MELTING SUGAR EDIBLE POD

½ pt., 22c; pt., 38c; qt., 70c; 2 qt., \$1.30; 4 qt., \$2.25; 15 lbs., \$3.90; 25 lbs., \$6.00; 50 lbs., \$11.50; 100 lbs., \$22.00.

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For a Beautiful Lawn—see page 3.

For the best in Sweet Corn—see page 12.

500 Chick Size Brooder, \$11.25—see page 50.

Wizard Sheep Manure—100 lbs., \$2.95—see page 2.

Dependable Growing Mash Food—100 lbs., \$3.50—page 55.

Cod Liver Oil—Medicinal U. S. P., gal., \$1.65—page 51.

Certified Seed Potatoes—page 39.

Spring Wheat—\$2.50 bu.—page 36.

Buttermilk in 70 lb. tubs—see inside back cover.

Cardboard Egg Boxes—1000, \$8.50—page 49.

Dependable Chick Starter—100 lbs., \$4.10—page 54.

## PARSLEY

Culture—1 oz. to 150 ft. row.

Sow thickly early in spring in rows 12 inches apart. Cover with  $\frac{1}{4}$  inch soil, pressing down after sowing. Later thin out stalks to 4 to 6 inches apart. Seed germinates very slowly. Used as flavoring and as a garnish.

**IMPROVED FINE DOUBLE CURLED**—A standard well-known dwarf variety. Leaves deeply cut and finely crimped.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

**PLAIN LEAVED**—Leaves are flat, deeply cut but not curled. Dark green color. Strongly flavored.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

**LARGE ROOTED HAMBURG**—The edible roots of this variety resemble small thin Parsnips in shape and color and are used for flavoring soups. Leaves are plain.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 65c; lb., \$1.10.

## PARSNIP

Culture—1 oz. for 100 ft. row: 5 lbs. per acre.

Sow thickly in April or early May as Parsnips require long season to mature. Cultivate same as Carrot. Dig in autumn and store for winter, or they may be left in ground until following spring, which improves their flavor.

**GUERNSEY**—Thick smooth Roots, tender and sweet.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., 90c.

## PEPPER

Culture—1 oz. should produce 2000 plants.

Sow in hotbeds or indoors from February to April. Transplant middle of May if weather is favorable. Cover seed with not over  $\frac{1}{8}$  inch soil.

**EARLY GIANT (Harris)**—Extra early and very prolific. Fruit scarlet, 5 by  $3\frac{1}{2}$  inches, mild and sweet. Excellent for home garden.

Pkt., 10c;  $\frac{1}{4}$  oz., 25c;  $\frac{1}{2}$  oz., 40c; oz., 70c; 2 oz., \$1.25; 4 oz., \$2.25.

**CHINESE GIANT**—One of the very largest of the mild red varieties. Short, stocky growth. Fruits pendent, thick, blocky and square-ended, 4 to 5 inches in diameter and of equal length. Color brilliant glossy scarlet.

Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 2 oz., \$1.10; 4 oz., \$2.00; 8 oz., \$3.50; lb., \$6.50.

**RUBY KING**—One of the most profitable and satisfactory varieties for the home or market garden. Early, productive, of dwarf, compact, upright growth. Fruit often 4 to 6 inches long by 3 to 4 inches thick, of a bright ruby-red color. Flesh thick, sweet and mild.

Pkt., 10c;  $\frac{1}{2}$  oz., 20c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**NEAPOLITAN (Early)**—A very early and productive large variety. One of the sweetest. Fruit of upright growth, 4 inches long and 2 inches thick. Color bright red.

Pkt., 10c;  $\frac{1}{2}$  oz., 22c; oz., 35c; 2 oz., 60c; 4 oz., \$1.00; 8 oz., \$1.85; lb., \$3.50.

**MAMMOTH GOLDEN QUEEN**—The largest of the sweet yellow peppers. Mild flavor, golden-yellow color.

Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 2 oz., 65c; 4 oz., \$1.10; 8 oz., \$2.10; lb., \$4.00.

**CAYENNE**—Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c; 2 oz., 70c; 4 oz., \$1.20.

**LONG THICK RED**—An early, hot variety.

Pkt., 10c;  $\frac{1}{4}$  oz., 30c;  $\frac{1}{2}$  oz., 55c; oz., \$1.00; 2 oz., \$1.85; 4 oz., \$3.50.

## PUMPKIN

Culture—1 oz. to 20 hills; 3 or 4 lbs. per acre.

Usually grown in cornfields, but if grown as a separate crop, plant in hills 8 to 10 ft. apart each way when ground is warm. Cultivate often until vines begin to run. Gather pumpkins after vines are dead, leaving 3 or 4 inches of stem attached, and store in dry place.



Cushaw Pumpkin

**EARLY SUGAR or NEW ENGLAND PIE**—Fruits small, round, flattened at the ends and slightly ribbed. Skin and flesh deep orange-yellow. Flesh very thick and of high quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 35c; 8 oz., 60c; lb., \$1.00.

**JAPANESE PIE**—Neck-shaped, somewhat like Cushaw. Skin deep green with dark stripes. Flesh deep yellow and of high quality. Seeds sculptured like Japanese letters.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**KING OF THE MAMMOTH**—The giant among the pumpkins. Very large, 2 ft. or more in diameter. Fruit round and flattened. Skin salmon-orange. Flesh bright yellow and very thick.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 80c; lb., \$1.50.

**TENNESSEE SWEET POTATO**—Medium size, nearly bell-shaped, with neck slightly crooked. Skin creamy white, slightly striped green. Flesh creamy white, deep fine grain, and excellent quality.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**GOLDEN CUSHAW**—Crook-necked type. Color golden-yellow. Large, good quality. Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

### STRIPED CUSHAW.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**LARGE CHEESE or KENTUCKY FIELD** (round, creamy buff); Oz. pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 48c; lb., 80c.

### CONNECTICUT FIELD (oblong, reddish orange).

Oz. pkt., 10c; 2 oz., 18c; 4 oz., 30c; 8 oz., 48c; lb., 80c.

## RADISH

Culture—1 oz. to 100 ft.

For very early use sow in frames in February, making successive sowings every two or three weeks. In April, plant in open ground 1 inch deep, in light, rich, sandy soil, selecting a warm or sheltered location and sow at intervals during the season. Winter varieties should be planted in mid-summer and early fall. Radishes will not do well in heavy hard ground.



Extra Early Scarlet Globe Radish

**SPARKLER'S WHITE TIPPED SCARLET ROUND**—An attractive early variety having deep scarlet upper portion and under part white, making a beautiful contrast.

Pkt., 10c; oz., 15c; 2 oz., 22c; 4 oz., 32c; 8 oz., 50c; lb., 80c.

**PHILADELPHIA WHITE BOX**—

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**CHARTIER**—An excellent variety, 7 to 8 inches long, rather thin, deep scarlet at top, shading off to pure white at tip. A well-known and leading variety.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

### Cassel's Dependable Chick Starting Food

makes chicks grow quickly and develop into strong, healthy,  
vigorous pullets.

(For description and prices see page 54)

## RADISH—Continued

**ICICLE**—The leading long early white radish. About 6 inches long and white throughout. The favorite long radish with our trade.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**WHITE STRASBURG**—An excellent variety, especially for late spring and summer growing, doing better in hot weather than most radishes. Roots long, thick, white, remaining solid for a long time.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

**WHITE CHINESE or CELESTIAL WINTER**—Roots 6 to 8 inches long, thick, cylindrical, and smooth. Popular wherever known. Skin and flesh very white and attractive.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

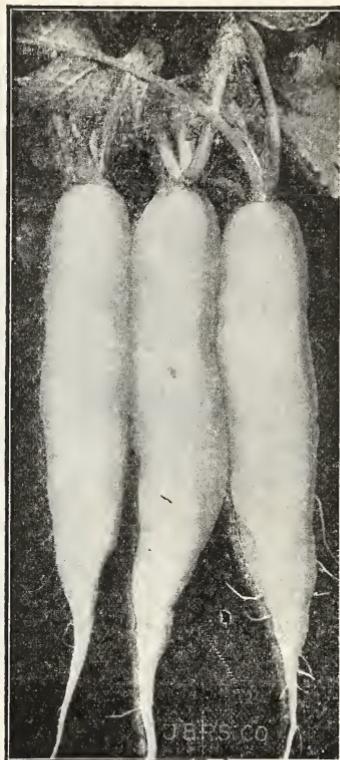
### HALF LONG BLACK SPANISH SCARLET WINTER

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 38c; 8 oz., 55c; lb., 90c.

## RHUBARB SEED

**Culture**—Plants easily grown from seed. Sow in drills, rows 12 to 18 inches apart and later transplant. 1 oz. to 100 ft.

**VICTORIA**—Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 55c; 8 oz., \$1.00; lb., \$1.90.



Icicle Radish

## RHUBARB ROOTS

**Culture**—Plant 2 ft. apart in rows 4 ft. apart. Cultivate well and top dress liberally.

12c each; doz., \$1.10; 100, \$7.00. Extra size clumps, 25c to 40c each. Market variable. Prices subject to change.

## SALSIFY or Vegetable Oysters

**Culture**—1 oz. for 75 ft. row.

Sow seed early in spring in rows 12 inches apart and  $\frac{1}{2}$  inch deep, thinning out plants every 6 inches.

**MAMMOTH SANDWICH ISLAND**—Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 70c; 8 oz., \$1.25; lb., \$2.25.

## Sunflower Seed

**MEDIUM STRIPED**—4 oz., 10c; 8 oz., 15c; lb., 20c.

## SPINACH

Culture—1 oz. to 100 ft.; 10 to 12 lbs. per acre.

Sow thinly in rows 12 to 15 inches apart as early in spring as possible. For fall use, sow from August 1st to September 15th. Thin out plants to every 4 inches.



Bloomsdale Savoy Spinach

**BLOOMSDALE SAVOY**—A quick-growing hardy variety and one of the best for market and canning. Plants of upright growth with tendency to go quickly to seed in hot weather. Leaves are crumpled and blistered, of a glossy deep green color. It is the most desirable variety for early spring and autumn use.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**PRINCESS JULIANA (Long Season)**—Said to be the most thoroughbred improved type of long-standing Spinach ever introduced; uniform in type and most attractive in appearance. Compact rosette leaves are large rounded, thick in texture, very blistered and crumpled and of a very dark green color. Holds up well for shipping and slow to go to seed. A ready seller.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**KING OF DENMARK**—Fine long season variety, slow to go to seed. Plants vigorous and spreading; leaves round, crumpled and blistered. Deep green color.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

**VICTORIA**—Makes a dense, flat rosette with very short petioles. Leaves very large, thick and much wrinkled, blunt or rounded and dark green in color. Stands hot weather well and is exceedingly slow to shoot to seed. Especially desirable for use in late summer and fall.

Pkt., 10c; 2 oz., 15c; 4 oz., 20c; 8 oz., 30c; lb., 45c; 5 lbs., \$1.65; 10 lbs., \$3.00.

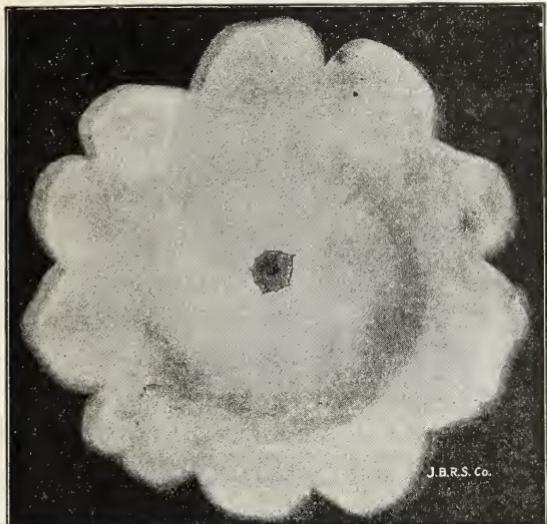
**NEW ZEALAND**—Entirely distinct from the true Spinach. Plant tall and spreading, with numerous side shoots. Leaves medium green, rather small and pointed. Grows well in hot weather and under adverse conditions.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 45c; lb., 75c.

## SQUASH

Culture—1 oz. to 25 hills; 3 to 4 lbs. per acre.

Plant 8 to 10 seeds to the hill, 4 ft. apart, about May 10th for summer bush varieties, and 8 to 10 ft. apart about July 1st for winter varieties. Thin out to 4 strong plants per hill. Spraying with Hydroxicide (Bordeaux-Arsenate of Lead) will be of much help to prevent plants from being destroyed by insects while young.



Early White Bush Squash

**EARLY YELLOW BUSH**—This variety is identical with White Bush except in color, which is deep orange.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**ITALIAN VEGETABLE MARROW or COCOZELLA**—A summer variety of bush habit. Fruit is oblong, ribbed, dark green marbled with yellow and dark green stripes. A delicate and fine flavored variety. The young fruit while green is excellent for slicing and frying like egg plant.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

**GOLDEN SUMMER CROOKNECK**—A standard early and productive summer variety. Fruit about 1 ft. long, moderately warted and of a bright yellow color.

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 40c; 8 oz., 70c; lb., \$1.25.

**IMPROVED HUBBARD**—A standard winter squash. Fruit large, heavy and moderately warted. Shell dark bronze-green with light green markings. Flesh bright orange-yellow, fine-grained, thick and dry.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

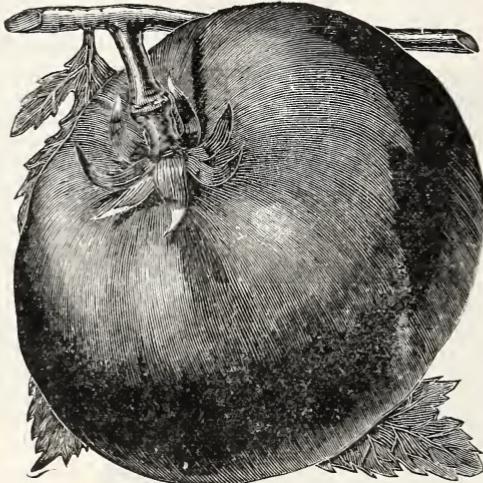
**MAMMOTH CHILI**—Grown for exhibition and stock feeding. Extra large, oblong, rich orange color. Skin smooth with broad open netting.

Pkt., 10c; oz., 20c; 2 oz., 30c; 4 oz., 50c; 8 oz., 85c; lb., \$1.50.

## TOMATO

Culture—1 oz. should produce about 2500 plants.

For early crop, plant seed under glass or in house during February, giving seedlings plenty of light for rapid development. Transplant in open ground after danger of frost,  $3\frac{1}{2}$  ft. apart each way. For main crop, seed may be sown any time until the middle of June. Spraying will help prevent blight.



**CASSEL'S EARLY WONDER**—An exceptionally fine, large bright red variety, as early as Chalk's Jewel and nearly as large as Stone and as productive. Fruits nearly globe-shaped and very solid; vine medium growth. An excellent canning variety.

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c; 2 oz., 85c; 4 oz., \$1.50; 8 oz., \$2.70; lb., \$5.00.

**CHALK'S EARLY JEWEL**—An exceptionally fine early variety coming between Earliana and Stone. Uniformly smooth, round and solid. Maintain their size longer than most sorts. Crimson in color. Excellent quality for table use and canning.

Pkt., 10c; oz., 30c; 2 oz., 50c; 4 oz., 90c; 8 oz., \$1.70; lb., \$3.25.

**RED ROCK**—A most dependable main crop variety of the Matchless type for home and canning trade. Productive, large, smooth, very solid, cardinal red. This is a well-known variety.

Pkt., 10c; oz., 30c; 2 oz., 45c; 4 oz., 85c; 8 oz., \$1.60; lb., \$3.00.

**CASSEL'S SPECIAL GIANT RED**—The largest of the bright red Tomatoes. Very solid, attractive, and a most desirable variety. Sometimes called "Beefsteak."

Pkt., 10c;  $\frac{1}{2}$  oz., 30c; oz., 45c; 2 oz., 80c; 4 oz., \$1.50; 8 oz., \$2.70; lb., \$5.00.

**MATCHLESS EARLIANA STONE JOHN BAER BONNIE BEST**  
Pkt., 10c; oz., 30c; 2 oz., 45c; 4 oz., 85c; 8 oz., \$1.60; lb., \$3.00.

**MONTEREY PONDEROSA RED CHERRY PEAR-SHAPED YELLOW**  
STRAWBERRY or WINTER HUSK (Ground Cherry)

Pkt., 10c;  $\frac{1}{2}$  oz., 35c; oz., 60c; 2 oz., \$1.05; 4 oz., \$1.70; 8 oz., \$3.25; lb., \$6.00.

**MARGLOBE GOLDEN QUEEN**  
Pkt., 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c; 2 oz., 80c; 4 oz., \$1.50; 8 oz., \$2.70; lb., \$5.00.

## TURNIP

Culture—1 oz. to 200 ft.; 1 to 2 lbs. per acre.

Sow early in spring before hot weather and for main crop sow in July and August, either broadcast or in drills 2 ft. apart. If in rows, thin out to prevent overcrowding.

**LARGE RED TOP GLOBE**—Almost perfect globe in form. Flesh and skin white, red or purple on top above the ground. Fine grained and sweet. Best known and a superior variety.

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.85;  
10 lbs., \$5.50.

**PURPLE TOP FLAT**

**PURPLE TOP AMBER GLOBE**

**YELLOW ABERDEEN**

**WHITE EGG**

**COW HORN**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 60c; 5 lbs., \$2.85;  
10 lbs., \$5.50.

## RUTA BAGA

**IMPROVED PURPLE TOP YELLOW**      **GOLDEN NECKLESS**

Pkt., 10c; 2 oz., 15c; 4 oz., 25c; 8 oz., 40c; lb., 65c; 5 lbs., \$3.00;  
10 lbs., \$5.75.

## PEANUTS

4 oz., 10c; 8 oz., 18c; lb., 30c.

## HORSE RADISH ROOTS

1000, \$10.00; 500, \$6.00; 100, \$1.50; less than 100 @ 2c each.

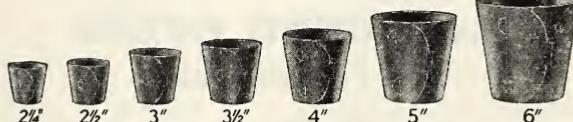
## HERBS

Used for flavoring

All in 10c packets. Prices on larger quantites on request.

Anise	Caraway	Fennel, Sweet	Rosemary	Savory, Summer
Balm	Catnip	Horehound	Rue	Thyme
Basil, Sweet	Coriander	Lavender	Saffron	Wormwood
Borage	Dill	Marjoram, Sweet	Sage	

## Bird's IMPROVED NEPONSET Flower Pots



	Doz.	100	1000
2 1/4 inch size .....	12c	55c	\$4.40
3 inch size .....	18c	90c	\$6.80
5 inch size .....	30c	\$1.95	\$16.75

JAPANESE CANE STAKES (Dyed Green)—1000, \$9.50; less @ 1c ea.

## SWEET PEAS

Culture—1 oz. to 20 ft. row. Early in spring make a trench 3 to 4 inches deep in loose, rich, mellow ground. Arrange so that water will not stand in the trench. Cover with only 1 inch soil at first. Later cultivate and gradually fill up the trench. If ground is heavy, a little sand at the bottom of the trench and seed covered with sand will be of much advantage. When 4 inches high, prepare support for the vines, preferably a wire netting firmly supported by sticks. Keep well moistened during dry weather.

## SPENCER, LARGE FLOWERING

Finest mixture. This mixture consists of a variety of most desirable colors.

Pkt., 10c; oz., 20c; 2 oz., 35c; 4 oz., 65c; 8 oz., \$1.20; lb., \$2.25.

## NASTURTIUM

### TALL MIXED

Pkt., 10c; oz., 15c; 2 oz., 25c; 4 oz., 45c; 8 oz., 85c; lb., \$1.50.

### DWARF MIXED

## FLOWERING BULBS

### For Spring Planting

#### GLADIOLUS

**SELECTED MIXTURE**—A splendid assortment of beautiful colors and varieties, large size bulbs, at an unusually attractive price. Doz., 40c; 50 and over at \$2.75 per 100.

We also have in stock separate named varieties on which we will be glad to quote prices on request.

#### DAHLIAS

Can supply leading named varieties of Cactus, Decorative, Ball and Show types. Prices on request.

#### TUBEROSES

**PEARL**—4 to 6 in. circumference, each 8c; doz., 70c.

#### CALADIUM BULBS

(Elephant Ears)

Small size ..... 10c each  
Large size ..... 40c each

#### CANNAS

Our stock consists of leading varieties on which prices will be quoted on request.

#### PEONIES

Red, white and pink, 60c each.

## FLOWERING BULBS

### For Fall Planting

We import direct from Holland Extra Select Stock, most beautiful colors and varieties, spring flowering bulbs for Fall planting, which arrive about September 15th. Plant in September, October and November.

## TULIPS — HYACINTHS — CROCUS

Also have Narcissus, Chinese Sacred Lillies, Freesias, etc.

## FLOWER SEEDS

Our stock consists of the best known most desirable varieties. All in 10c packets. Prices on larger quantities on request. Varieties not listed can be supplied on special order.

\* Indicates Annuals

† Indicates Perennials

**AGERATUM** \*

**ALYSSUM, SWEET**, White and Lilac \*

**ANTIRRHINUM** (Snapdragon) \*

**ASTERS** \*—The following varieties, assorted colors:

American Beauty, in Purple, White, Lavender and Pink  
Heart of France, Dark Red  
Crego, Daybreak, Giant Branching, Giant Comet, Giant of California

**AQUILEGIA** (Columbine) †

**BABY'S BREATH** \*

**BACHELORS' BUTTONS** (Strawflower) \*

**BALLOON VINE** (Cardiospermum) \*

**BALSAM** (Lady Slipper) \*

**BALSAM APPLE** \*

**BEAN VINE, SCARLET RUNNER** \*

**BELLIS** (Double Daisy) †

**BIRD OF PARADISE**

**BRACHYCOME** Swanee River Daisy \*

**CALENDULA** (Pot Marigold) \*

**CALIFORNIA POPPY**

(Eschscholtzia) \*

**CALLIOPSIS** (Coreopsis) \*

**CAMPANULA** (Canterbury Bells) †

**CANARY BIRD VINE** \*

**CANDYTUFT** (Iberis) \*

**CARDINAL CLIMBER** \*

**CARNATION** (Dianthus) \*

**CASTOR OIL BEAN** (Ricinus) \*

**CELOSIA** (Cockscomb) \*

**CENTAUREA CYANUS**

(Cornflower) \*

**CENTAUREA** (Sweet Sultan) \*

**CHINESE WOOLFLOWER** \*

**CHRYSANTHEMUM** \* Summer

**CLARKIA** \*

**CLEOME** (Spider Plant) \*

**COBEA SCANDENS** (Vine) \*

**COLUMBINE** (Aquilegia) †

**COLEUS** (Hybrids) \*

**CONVOLVULUS** (Morning Glory) \*

**COREOPSIS** (Calliopsis) †

**COSMOS** (Single and Double) \*

**CYPRESS VINE** \*

**DIANTHUS** (Pinks) \*

**DIGITALIS** (Foxglove) †

**DIMORPHOTHECA**—Orange Daisy \*

**DELPHINIUM** (Larkspur) †

**DOLICHOS** (Hyacinth Bean) \*

**DOUBLE DAISY** (Bellis) †

**ESCHSCHOLTZIA** (California Poppy) \*

**EUPHORBIA** (Snow on the Mountain) \*

**EUPHORBIA** (Fire on the Mountain) \*

**FOXGLOVE** (Digitalis) †

**GAILLARDIA** \* †

**GOMPHRENA** (Bachelor's Buttons) \*

**GOURDS** \*

**HELICHRYSUM** (Everlasting) \*

**HELIOTROPE** \*

**HOLLYHOCK** †

**ICE PLANT** \*

**KOCHIA** (Fire Bush) \*

**KUDZU VINE** †

**LADY SLIPPER** (Balsam) \*

**LARKSPUR** \*

**LANTANA** \*

**LOBELIA** \*

**LUPINS** † \*

**MARIGOLDS** \*

French Tall and Dwarf

African Tall and Dwarf

**MARVEL OF PERU** (Four o'Clock) \*

**MIGNONETTE** (Reseda) \*

**MOONFLOWER** \*

**MORNING GLORY** \*

**MYOSOTIS** (Forget-me-not) †

**NICOTIANA** \*

**NIGELLA** (Love-in-the-Mist) \*

**PANSIES** \*

Giant Trimardeau

Masterpiece

**PETUNIA** \*

**PHLOX** \* †

**PHYSALIS** (Chinese Lantern) †

**POPPY**—Carnation Flowered \*

Shirley \*

Oriental Hardy †

**PORTULACA** (Single and double) \*

**PRIMULA** (Primrose) \*

**RICINUS** \*

**SALPIGLOSSIS** \*

**SALVIA** (Scarlet Sage) \*

**SCABIOSA** (Pin Cushion) \*

**SENSITIVE PLANT** \*

**SHASTA DAISY** †

**SNAPDRAGON** (Antirrhinum) \*

**STOCK** (Stalk Jelly) \*

**STATICE** (Everlasting) \*

**SWEET WILLIAM** (Single and Double) †

**VINCA** (Periwinkle) \*

**VERBENA** \*

**WALLFLOWER** †

**ZINNIA** (Double and Dahlia) \*

**XERANTHEMUM** (Everlasting) \*

## FARM SEEDS

Grasses not listed hereon will be quoted on request

We carry a full line of carefully selected highest purity Farm Seeds and we are in position to satisfy the most critical trade. We list only one grade, the highest quality—cream of the crop. Lower grades can be sold at lower price.

The market on Farm Seed is variable and therefore prices cannot be held good for any length of time. The following quotations are prices ruling at time of issuing catalog. However, these prices are strictly subject to change without notice and are also subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy.

All bags are free and prices are f. o. b. Lansdale. Values are all based on strictly cash prices at time of getting seed. The bushel price applies on quantities of 11 lbs. and over. Ten lbs. and less charged slightly higher.

## RED CLOVER

Red Clover is the most largely grown and most generally useful legume crop in America. In feeding value, the hay ranks next to Alfalfa. As a soil builder it is the equal of any and superior to most because it is so well adapted

to growing in rotation. It should be grown on every farm where soil and climate conditions permit. Its ability to gather nitrogen at its roots and leave the soil in such form as can be readily used by crops that will follow makes it especially valuable. It is usually grown for hay or in mixtures with other grasses, chiefly Timothy. It nearly always follows small grain in the rotation scheme. Being biennial, it will last for two seasons under good conditions. If sown with Timothy, the Clover usually predominates the first season and Timothy the second season. The ideal time to sow Clover is during the late winter or early spring on a morning when the soil is honey-combed by frost. The first slight thaw will enclose nearly every seed and enable it to start a strong growth. Sow 4 to 6 quarts per acre in the spring where Timothy has been sown earlier. If Clover only is desired, sow 6 to 8 quarts per acre.

INOCULATE THIS  
SEED WITH  
**MULFORD CULTURE**

### Our "Dependable" Brand Red Clover

is selected from the highest qualities obtainable and from the best producing sections. It is extra recleaned over special process recleaning mills. The average purity test of our "Dependable" brand is 99.50%. It is Northern grown from sections that will withstand severe winter. We do not handle the undesirable Red Clover Seed imported from Italy or Southern Europe which can be easily distinguished because of the staining of undesirable Seed 10% Red according to the U. S. government regulations. Red is the danger signal.

We have seed of our "Dependable" brand from two sources, both highest quality, "Domestic" being grown in the United States and "Adaptable" seed being grown in Northern sections of the old country which is stained 1% green to identify the seed and indicate its adaptability for use in Pennsylvania and surrounding sections as proven by government and State Experiment Station tests.

### ADAPTABLE

Bushel, \$15.00

100 lbs., \$25.00; 10 lb. and less @ 27c lb.    100 lbs., \$34.00; 10 lb. and less @ 36c lb.

Market uncertain and subject to change.

### DOMESTIC

Bushel, \$20.40

## Add Fertility to Your Soil and Increase Your Crops With **SOY BEANS**

Soy Beans have come from the Orient where they have been grown for centuries for both human and animal food. They can be grown wherever corn can be grown and serve a double purpose, for forage in the way of hay,

pasture or silage and for soil improvement. The hay or

silage has great value for its high protein content and best results are obtained when fed with corn. Will grow

in almost any kind of soil but require warm weather.

Should be sown between May 10th and July 15th. There

are many different varieties but we offer only those which produce the most satisfactory results in this section. Plant one to two bushels per acre.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

### **WILSON BLACK**

Bus., 60 lbs., \$2.75; pk., 80c. This variety has been the favorite among Eastern farmers as a general purpose variety. Matures in about 120 days. One of the best for hay and silage on account of its tall growth and slender stems and branches which make the finest hay. On poor ground will grow as high as 4 feet and on fertile ground as high as 6 feet. This variety is early enough to mature beans in Southeastern Pennsylvania. The bean is black and medium sized, therefore having a greater number of beans to the bushel.

### **MAMMOTH YELLOW**

Bus., 60 lbs., \$2.75; pk., 80c. This variety is used in Pennsylvania for hay and plowing under only, as the beans will not mature on account of being a late variety. Seeds are yellow and larger than Wilson Black. Growth is large, coarse and bushy.

### **TIMOTHY SEED**

This has been the standard and most widely grown hay grass seed for many years on account of the cheapness of the seed and ease and low cost of growing, which makes it the most profitable grass wherever conditions permit its cultivation. It is a short-lived perennial except under unusually favorable conditions. A stand does not last more than 4 or 5 years. It grows in stools or clumps and does not form a sod. Our DEPENDABLE QUALITY seed is the "Cream of the Crop," the purity running from 99.65% to 99.90% and the weed content being extremely low, usually not over 1-20th of 1%, which in comparison is equal to 5c in \$100. We are very particular in selecting our Timothy Seed so as to have plump, large seeds of bright color which will please the most critical buyers. Sow 8 to 10 lbs.<sup>1</sup> per acre with Wheat and if alone, 15 to 20 lbs. per acre.

Bus., 45 lbs., \$3.60; 100 lbs., \$8.00; 10 lbs. and less @ 10c lb.

### **ALSIKE**

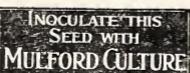
Alsike Clover is a biennial similar in growth and equal in feeding value to Red Clover. However, not quite as large, of a finer stem and blossoms are white with pink tips, ripening about ten days earlier than Red Clover. Being a finer hay it is sometimes preferred by stock but the yield is not equal to Red Clover. Seed is of smaller size than Red Clover and will go further at a less cost and is somewhat more sure in taking. Is generally used in connection with Timothy, Red Clover or pasture mixtures. Stands a variety of temperatures and is less likely to winter kill and, owing to its spreading root, it seldom is effected by heaving out action of frost. When used with Red Clover in early spring, a combination of one part Alsike and two parts Red Clover is desirable. When sown alone, use 3 to 5 quarts per acre. Inoculation will be profitable.

Bus., 60 lbs., \$22.20; 100 lbs., \$37.00; 10 lbs. and less @ 39c per lb.

## ALFALFA

Alfalfa deserves to rank first among legumes. It is the mainstay of the dairy man, furnishing more green forage and more dry hay per acre than any other known variety of grass for hay.

It is relished by the stock for feed. It is worth more per pound as dry matter than any other forage and as a nitrogen gatherer it is equal to any of the Clovers. Since a good stand of Alfalfa once established will last from three to ten years or more depending on the severity of the winters and on soil conditions, it is seldom included in the crop rotation scheme but allowed to stand until eventually it runs out. It can be cut three or four times a season and should be cut before coming into blossom. It is extremely deep-rooted, consequently withstanding drought better than most other legumes. It should be planted on well-drained, deep, sweet, fertile soil, well prepared with an application of lime, and should be planted at a time when the soil is not deficient in moisture. In preparing soil for Alfalfa the growing and plowing under of one or two crops of sweet clover or soja beans will prove helpful. Seed should be inoculated, which assists nature in developing a hardy growth, and this can be done at small cost. Seed may be sown as soon as the ground can be put in condition in Spring. August is also a desirable time if weather will permit. Even though all the above conditions are complied with, it is important to have the highest quality seeds of known origin. Our seed, as offered below, is all of the highest quality obtainable, with average purity from 99.50% to 99.75%, of origin that is adaptable for use in Pennsylvania and adjoining sections and the cream of the crop. Sow 20 to 25 pounds per acre. A small quantity is often used in connection with red clover and alsike to assist in inoculating ground for later alfalfa stand.



### Dependable Alfalfa Seed

#### **NORTHWESTERN GROWN—Verified Origin**

Bus. 60 lbs., \$17.40; 100 lbs., \$27.00; 10 lbs. and less @ 31c per lb.

#### **CANADIAN VARIEGATED**

Grows and looks much like Grimm's; in hardiness intermediate between Grimm's and Northwestern. On account of it being much cheaper than Grimm's it is sometimes substituted for this variety. Bus. 60 lbs., \$25.20; 100 lbs., \$42.00; 10 lbs., and less @ 44c lb.

#### **GRIMM'S—Certified, Northwestern Grown**

In hardiness it is safest type to grow wherever there is trouble with winter killing. Bus. 60 lbs., \$28.20; 100 lbs., \$47.00; 10 lbs. and less 49c per lb.

Market on alfalfa seed early this spring is strong and prices may go higher. Prices quoted are on basis of present values, subject to change.

## **SOILTEX—Test for Acid Soil**

Pocket size soil testing outfit with color chart and lime table, which tells whether your soil needs lime and how much it does need. Complete outfit, \$1.00.

Increase Your Soil Fertility With  
**WHITE BLOSSOM SWEET CLOVER**

This has come to the front rapidly in recent years for forage, pasture and soil improvement. Will grow in almost any climate and on almost any type of soil, thriving on land too poor for Alfalfa or Red Clover. It is a biennial, disappearing at the end of the second season, unless allowed to ripen and reseed itself; of erect and branching habit, quick growing, attaining good height. Fits well into rotation scheme and may be sown with Corn at the time of last cultivation or following a crop of winter grain. As hay and green forage, similar to Alfalfa in feeding value. Stock seldom like it when first offered to them but soon develop a decided preference for it provided it is cut before it reaches the blossom stage. An excellent nitrogen gatherer and soil improver. Seed should be inoculated. Desirable for sheep and cattle pasture. Sow 20 to 25 lbs., per acre.

INOCULATE THIS  
SEED WITH  
MULFORD CULTURE

Our present stock of White Blossom Sweet Clover is of unusual high quality, large, bright seed. This grade of seed is not to be compared with the ordinary qualities that are generally offered.

Bus. \$6.60; 100 lbs., \$11.00; 10 lbs. or less @ 13c lb.

YELLOW BLOSSOM SWEET CLOVER quoted on request.

**Permanent Pasture Mixture**

We have in stock all the Grasses and Clovers to make the best mixtures. Owing to the varied conditions and uses for which this is wanted it is to our customers' best advantage to have mixtures made for each individual need, for we find no one mixture fills every need. Tell us your requirements and kind of mixture you desire and we will quote lowest prices.

**SEED OATS**

Usually from  $2\frac{1}{2}$  to 3 bushel are sown per acre. The market on Oats is usually variable. We describe our leading varieties below and when ready to buy will appreciate your calling us on the phone or writing for firm quotations which we will endeavor to make attractive.

**SELECTED EXTRA-RECLEANED SEED OATS**—This is a Swedish type of selected oats adapted for use throughout eastern Pennsylvania. It is recleaned over our special recleaning process avoiding the danger of Mustard and other undesirable weed seeds and assuring large, full sized grains which permit of a smaller quantity being sown to the acre. Bu. 90c.

**WHITE RUSSIAN SIDE OATS**—This variety has been in demand for several years and met with favorable results. The growth is somewhat on the manner of a horse mane or side type. Hull is thin, straw is stiff, a good yielder and ripens midseason. Market variable. Ask for price.

We are equipped to reclean farmer's own grain for seed at the following prices:

Wheat and Rye, 20c per 100 lbs.; Oats, 25c per 100 lbs.; Timothy and Clover, 40c per 100 lbs. Minimum charge 50c.

10 lbs. and less at lb. price. 11 lbs. and over at 100 lb. price.

### Herd Grass or Red Top

Solid seed. Unusually high purity.  
\$20.00 per 100 lbs., 25c per lb.

### CRIMSON CLOVER

Used as a soil enricher. Generally sown at the last time of corn cultivation. 15 lbs. per acre. 100 lbs., \$15.00; 17c per lb.; bu., \$9.00.

### Mammoth Red Clover

In appearance much like ordinary medium Red Clover. Stalk a little coarser. Grows taller, ripens later, produces more heavily. Sown like Red Clover. Bu., \$23.80; 100 lbs., \$38.00; lb., 40c.

### Canadian Field Peas

This is entirely different from the regular Cowpea. For best results should be sown with oats, using about 1 bu. peas to 2 bu. oats per acre. Desirable for both green feed and hay.  
\$3.75 per bu. Peck, \$1.05.

### COWPEAS

Whippoorwill variety is most generally known. Mature early. Sow one bu. per acre. Ask for price.

### DWARF ESSEX RAPE

Used as a quick pasture for cattle, hogs and sheep. Sow four to six lbs. per acre. \$9.00 per 100 lbs.; 11c lb.

### SUDAN GRASS

Belongs to Sorghum family. May be cut two or three times a season. Sow in rows 4 to 6 lbs. per acre. Broadcast 15 to 25 lbs. per acre. \$7.00 per 100 lbs.; 9c per lb.

### SPRING WHEAT

MARQUIS—Two bu. per acre. This variety has proven most adaptable for Eastern Penna. and has given best results. It is about 10 days earlier than ordinary types which means much in avoiding damage by smut, rust, and hot dry winds. It has outyielded other spring wheats. Beardless, with smooth yellow chaff. While it cannot be sold as low in price as some ordinary kinds, it is more profitable and will prove well worth the difference in cost. Our stock is fancy recleaned, grown in Montana.

Bushel, 60 lbs., \$2.50

Ordinary kind we can supply at a lower price.

### ORCHARD GRASS

Sow 30 to 40 lbs. per acre.  
\$22.00 per 100 lbs.; 24c per lb.

### MILLET

Sow 1 bu. to acre.  
**GOLDEN**—Tenn. Grown.  
\$2.75 per bu. 50 lbs.; 8c per lb.  
**HUNGARIAN**—  
\$3.75 per bu. 48 lbs.; 9½c per lb.  
**JAPANESE**—  
\$8.00 per 100 lbs.; 10c per lb.

### VETCH

**SAND or HAIRY**—30 lbs per acre.  
**INOCULATE THIS  
SEED WITH  
MULFORD CULTURE** Is used for hay or plowing under. \$12.00 per 100 lb.; lb., 14c.  
**SPRING**—\$7.00 per 100 lbs. Per lb., 9c.

### Sorghum or Amber Cane

In drills 12 lbs. per acre. Broadcast 40 to 50 lbs. to acre. \$5.75 per 100 lbs., 8c per lb.

### SPELTZ or EMMER

\$2.20 per bu. of 40 lbs.

### SPRING RYE

Two bu. per acre. \$2.60 per bu. of 56 lbs.

### WINTER WHEAT

Our stock is recleaned over special process. Get in touch with us in August or early September for prices.

### BUCKWHEAT

**JAPANESE** — Sow early in July about 1 bu. per acre. \$1.80 per bu.

### BARLEY

Two bus. per acre usually sown. Six row, bus., \$1.80.

# Inoculate Your Seeds with **Mulford Cultures**

**Increase Your Crops — Improve Your Soil**

**The Most Economical Way**

To maintain soil fertility every crop rotation should include legumes. To get the best returns from legumes, inoculate the seed with MULFORD CULTURES. They increase the yield and improve the quality. More nitrogen is drawn from the air by inoculated legumes than is used by the plant itself, thus they add nitrogen and humus to the soil for the benefit of the succeeding grain crops. Up-to-date farmers inoculate these crops and insist on the best—MULFORD CULTURES.

MULFORD CULTURES are scientifically prepared and tested in the world's largest biological laboratories. Sealed containers insure purity, longer life, and a more effective culture.

Easiest cultures to use—simply mix with water and add to seed. Most economical. Insure best results. Cheaper than any nitrogenous fertilizer you can buy. Agricultural experiment stations everywhere recommend inoculation.

The date on the package is your protection.

**When ordering always state the kind of seed you wish to inoculate.**

**FOR SMALL SEEDS**

½, 1, 2½ and 5-bushel sizes

Red Clover
Crimson Clover
Mammoth Clover
Alsike Clover
White Clover
Berseem Clover

Alfalfa
Sweet Clover
Hubam Clover
Yellow Clover
Burr Clover
Sainform

Lespedeza
Beggarweed

½ bushel size.....	\$0.60
1 bushel size.....	1.00
2½ bushel size.....	2.25
5 bushel size.....	4.00

**FOR LARGE SEEDS**

1, 2, 5 and 10-bushel sizes

Cow Pea
Lima Bean
Munge Bean
Velvet Bean
Peanut

Field Pea
Garden Pea
Sweet Pea
Hairy Vetch
Perennial Vetch
Spring Vetch

Garden Bean
Kidney Bean
Navy Bean
String Bean
Wax Bean

Soy Bean
Lupine
Serradella

1 bushel size.....	\$0.60
2 bushel size.....	1.00
5 bushel size.....	2.25
10 bushel size.....	4.00

Garden Size (composite culture for Garden Beans,  
Garden Peas, Lima Beans and Sweet Peas), \$0.25

**The cost of inoculating seed is now so little that it should be profitable to the farmers to make general use of Cultures.**

## **SEED CORN**

All our Corn is tested and proven to be of high germination before we sell same to our trade. We are extremely particular about the germination of our Corn and those securing our stock should have excellent results. Market is variable. Prices strictly subject to change and unsold.  $\frac{1}{2}$  bushel at bushel rate. All bags free.

### **MONTGOMERY COUNTY SURECROP**

Extra Select Stock. This variety has met with great favor among our Montgomery and Bucks County farmers and is increasing in popularity. Produces large ears, often 12 inches long, with a broad, medium-long kernel. Light yellow or cream color on the cap or outside of the ear, and a medium yellow dent. Usually matures in about 100 days. Large fodder, and is a Corn that will do well on poorer ground than most Corns. This type of Corn has sometimes been called Poor Man's Corn on account of its productiveness on light soil. This type is also sometimes known as Long Ear White Cap Yellow Dent and 100-day Bristol. We strongly recommend this variety for general use. It is also desirable for a yellow ensilage Corn for silos.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu. 56 lbs., \$3.75.

### **CASSEL'S EARLY FAVORITE**

(90-day)

This has truly been a favorite with our trade for many years as an early corn. The ears, while of good size, about 10 inches, are not so long and thick as Montgomery County Surecrop, but is fully 10 days earlier in maturity.

$\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., \$3.75.

### **FARMERS' RADIO SPECIAL**

A choice, long-ear, yellow dent Corn. Fills out well to the end, deep, broad, rich yellow grains, and under favorable conditions should produce a crop that will be both pleasing and profitable and is well worth special note. Requires about 110 days for maturity.

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### **LANCASTER COUNTY SURECROP**

A Corn that has proven quite satisfactory for giving a crop on ordinary soil. Ear is long, matures in 100 days, grain is darker in color, otherwise similar to our Montgomery County Surecrop. This is sometimes used as an ensilage corn.  $\frac{1}{2}$  pk., 58c; pk., \$1.05; bu., 56 lbs., \$3.75.

### **PENNA. YELLOW FLINT**

### **EUREKA ENSILAGE**

(Virginia grown)

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00.

### **LONG'S CHAMPION**

$\frac{1}{2}$  pk., 60c; pk., \$1.10; bu., \$4.00;

A well-known, extra large fodder, heavy yielding, white ensilage Corn. Ears are long, often two to the stalk. Should be grown on good land. Bu., \$3.50; pk., \$1.00;  $\frac{1}{2}$  pk., 55c.

### **VIRGINIA ENSILAGE**

This variety continues to gain in popularity for ensilage purposes. Makes unusually large growth of broad, thick succulent fodder. Our dairymen are recognizing the merits of this as a silo filler and the demand with us has been increasing yearly. Very productive and may be used for green feeding or silo ensilage. Our stock is bred especially for ensilage purposes and grown in Virginia. We recommend it as most desirable.

Bu., \$3.50; pk., \$1.00;  $\frac{1}{2}$  pk., 55c.

### **IMPROVED SEED CORN NUBBERS, \$1.25**

Increase Your Potato Yield With

## MICHIGAN GROWN CERTIFIED RUSSET SEED POTATOES

This variety has proven the most productive, giving the largest yields of any sort we have yet known. They are profitable, therefore a favorite among many potato growers. It is a robust, healthy grower, vines stocky, continuing growth for about two weeks longer than Green Mountains, which is an important factor for large yields, and is especially resistant to diseases and blight; good keeper and of good quality. Our stock is coming direct from the most desirable potato growing sections of Michigan, and is the best stock available, guaranteed free of frost. Each sack of these Michigan Certified Seed Potatoes is sealed with a lead and wire seal to which is attached the official certification tag of the Michigan Crop Improvement Association. Present prices for booking now are as follows, strictly subject to change and unsold.

Per sack of  $2\frac{1}{2}$  bu., \$3.35, equal to \$1.34 per bu.

For loading on arrival, when spring weather opens. Stock subject to approval on arrival.

## Michigan Grown Russet Potatoes

Selected for Seed—Not Certified

This selected stock has been grown in a proven seed producing section for the Russet variety. They are coming from a reliable source and should give pleasing results.

Owing to their not being certified we are able to offer these reasonable and at a much lower price than the certified stock.

Present price for booking now, subject to change and unsold, is

\$2.95 per sack of  $2\frac{1}{2}$  bu., equal to \$1.18 per bu.

for loading from car on arrival when spring weather opens.

## Maine Grown Seed Potatoes

We have a reliable source in Aroostook County of these Northern Grown Seed Potatoes and following are leading varieties. Can supply other varieties.

**IRISH COBBLER**—This is the leading and most reliable early white potato. Under favorable weather and soil conditions, with proper fertilizer, will produce a large crop of beautiful, good-sized, round to oblong potatoes. The eating quality is excellent; cooks well and mealy; of vigorous growth and good keepers. We highly recommend them. Present price, subject to change, for loading on arrival, per sack of  $2\frac{1}{2}$  bushels—

Selected, \$3.25; Certified, \$3.55.

Second size (from Certified Seed) \$3.05

**GREEN MOUNTAIN**—This is the best known variety of the Maine grown potatoes. It is of the highest eating quality, rather oblong in shape, white flesh, healthy grower. Good keepers, retaining good eating qualities all through the winter and, where conditions of soil and weather are favorable, it is a heavy yielder. Present price, subject to change, for loading from car on arrival, per sack of  $2\frac{1}{2}$  bus.—

Selected, \$3.25; Certified, \$3.55

**SEMISAN BEL** (succeeds Bayer Dipdust)—For effectively controlling potato scab, Rhizoctonia and Black Leg. One pound treats 16 to 20 bushels potatoes. 4 oz., 50c; 1 lb., \$1.75; 5 lbs., \$8.00.

## INSECTICIDES DRY LIME SULPHUR

Lime Sulphur has been used for many years for combating San Jose scale when trees are dormant and for summer spray. This Dry Lime Sulphur is effective and more convenient than the lime sulphur in liquid form. Dissolves readily in water and is generally preferred, having given excellent satisfaction. Dilute first with small amount of hot water to dissolve quickly, then add the required amount cold water. Use 12 to 15 lbs. in 50 gals. water.

1 lb., 17c; 5 lbs., 80c; 12½ lbs. (amt. required to make 50 gals.) \$1.85;  
25 lbs., \$3.50; 50 lbs., \$6.50; 100 lbs., \$12.00; 200 lbs., \$22.00.

Lime Sulphur in Liquid Form—50 gals., \$10; drums extra, \$2.00 each.

### TARGET BRAND SCALE DESTROYER

For dormant spray of San Jose and Oyster Shell scale. Highly effective, easy to apply without clogging nozzles. For use in spring or fall. Mixes and spreads easily. Dilute one gallon to 20 gallons of water for dormant spray. 50 gal., \$29.00; 30 gal., \$20.00; 5 gal., \$5.00; gal., \$1.25; qt., 55c.



### MECHLING SCALE OIL

The highest grade Miscible Oil. Will not separate in cold weather, mixes perfectly. Dilute 1 to 25 for red mite and aphids. For San Jose Scale 1 to 22; Evergreens, 1 to 35.

50 gal., \$24.00; 30 gal., \$18.00; 15 gal., \$11.25; 10 gal., \$7.90;  
5 gal., \$4.75; 1 gal., \$1.25; ½ gal., 80c; qt., 55c.

### ARSENATE OF LEAD

This is uniform high quality and is extra light and fluffy. This insures good mixing and will remain in suspension a long time. Effective for control of chewing insects. May be used as a wet spray or a dust.

½ lb., 20c; 1 lb., 30c; 4 lbs., 85c; 12 lbs., \$2.28; 24 lbs., \$4.32; 48 lbs., \$8.16; 96 lbs., \$15.36.

### COATED ARSENATE LEAD

For Japanese Beetle. 2½ lb. jar, \$1.00; 10 lbs., \$3.00.

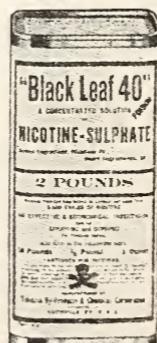
### ARSENATE OF CALCIUM

Recommended for Potatoes. 1 lb., 20c; 4 lb., 60c; 12 lb., \$1.56; 24 lb., \$2.88; 48 lb., \$5.28; 96 lb. (in 4-lb. pkgs.) \$9.60; 100 lb. (in bulk) \$8.90.

### BLACK LEAF 40

The most effective material for destroying Aphis on Roses, Sweet Peas, Trees, Plants, etc. A concentrated solution of Nicotine Sulphate. Containing not less than 40% of Nicotine. It is perfectly soluble in water, does not clog the nozzle nor corrode the spraying outfit. May be combined with Lime Sulphur, Bordeaux, Hydroxicide.

1 oz., 35c; ½ lb., \$1.25; 2 lbs., \$3.25; 4 lbs., \$6.25;  
6 lbs., \$9.00; 10 lbs., \$11.85.



### Commercial Powdered Sulphur

1 lb., 5c; 5 lbs., 23c; 10 lbs., 43c; 25 lbs., \$1.00; 50 lbs., \$1.75; 100 lbs., \$3.25.

### Flowers of Sulphur

This is the highest quality of sulphur obtainable. 1 lb., 8c; 5 lbs., 35c;  
10 lbs., 65c; 25 lbs., \$1.50; 50 lbs., \$2.85; 100 lbs., \$5.50.

## CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES

### HYDROXIDE

A Bordeaux Arsenate of Lead mixture in powdered form. Convenient. Highly efficient and profitable. It is both an insecticide and a fungicide for preventing bugs and blight and producing vigorous, healthy, continued growth. 6 to 8 lbs. to 50 gallons of water.

1 lb., 35c; 4 lbs., \$1.05; 12 lbs., \$3.00; 24 lbs., \$5.50; 48 lbs., \$10.25; 96 lbs., \$19.20.

**BORDEAUX MIXTURE in Dry Form**—Mix 8 lbs. to 50 gallons water.  
Lb., 28c; 4 lb., 90c; 12 lb., \$2.55; 24 lb., \$4.60; 48 lb., \$8.75; 96 lb., \$16.32.



### SLUGSHOT

A light, fine powder easily distributed by dusting or may be applied in water by spraying. Sold for many years and is dependable for killing currant and cabbage worms and potato bugs.

1 lb., 15c; 5 lbs., 55c; 10 lbs., \$1.05; 25 lbs., \$2.40; 50 lbs., \$4.65; 100 lbs., \$9.00.

### TOBACCO POWDER

Extra quality. Effective for destroying Aphis by dusting. Also used for the elimination of large and small worms in poultry.

1 lb., 10c; 5 lbs., 40c; 10 lbs., 70c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

### CARBOLA

A disinfecting whitewash. 5 lbs., 75c; 10 lbs., \$1.20; 25 lbs., \$2.50; 50 lbs., \$4.50; 100 lbs., \$8.00.

### Para-Dichlora-Benzine

For peach tree borers. Placed around tree, generates gas and kills borers in tree.

1 lb., 70c; 5 lb., \$3.

### Carbon-Bisulphide

For treating wheat.

2½ lb. cans, 55c.

### Ant Killer

4½ oz. can, 50c.

### Ansect

Rose bug destroyer. Highly effective when used on aphis, aster beetle, rose bugs, red spider and mealy bug.

4 oz., 30c; pt., \$1.00; qt., \$1.50; gal., \$4.00.

### Grafting Wax

For pruning and grafting purposes. In convenient form, easily handled.

4 oz. pkg., 25c; 8 oz., 45c.

### Weed Killer

Effectively destroys weeds in paths, roads, gutters. Dilute 1 part to 40 parts water.

1 qt., 60c; 2 qts., \$1.10; gal., \$1.75

### Volek

A spray for the garden, nursery and greenhouse; effectively controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphis, thrip, etc.; not only kills the insects but acts as a repellent.

Per ½ pt., 50c; 75c per pt.; qt., \$1.00; \$3.00 per gal.; 5 gals., \$12.00; 28 gal. drums, \$40.00.

### Phenolene Disinfectant and Lice Killer

Pt., 40c; qt., 60c; gallon, \$1.50.

### Standard Fly Spray

This has proven effective and is worthy of our recommendation. Gallon, \$1.50.

### Bye, Bye, Blackbird

For driving away from your cornfields crows, blackbirds, woodchucks, gophers, and other plant destroying birds and animals that eat your seed corn and pull up growing plants. Saves replanting. Satisfactory results guaranteed or money refunded.

½ pt. can (for 1 bu. corn) \$1.00;  
1 pt. can (for 2 bu. corn) \$1.50.



### Stanley Crow Repellent

Keeps crows from pulling corn. Not poisonous. Saves time of replanting.

Small can, \$1.00;  
large can, \$1.50.

### "Agri-Pax"

kills most any insect and especially effective for destroying Japanese and Rose beetles. Non-poisonous to man or animal.

8 oz., 40c; 16 oz., 60c; 1 qt., \$1.00.

### BLUE STONE (Copper Sulphate)

In crystal form. This is the highest grade 99½% pure, not to be compared with the nugget type. 1 lb., 10c; 5 lbs., 45c; 10 lbs., 80c; 25 lbs., \$1.90; .50 lbs., \$3.65; 100 lbs., \$7.00. Full barrel at \$6.90 per 100 lbs.

### LIME

For use in spraying, select quality, in lump form packed in air tight drums. Per drum, \$2.50.

### HYDRATED LIME

Ton, \$13.50; 100 lbs., 90c; 50 lbs., 50c.

# VIGORO

*Specially prepared plant food*

For  
Lawns  
Gardens  
Flowers  
Shrubbery  
Trees



You can beautify your home by having a velvety green lawn, crisp vegetables, colorful flowers, luxuriant shrubbery and stately trees if you will keep in mind the fact that plants like human beings must be fed—and fed the right kind of plant food. You can enjoy these beauties of nature if you use good seed, plants, bulbs, and the right plant food.

VIGORO is especially prepared to supply growing things with all of the plant food elements needed for rapid, sturdy, and luxuriant growth. It is odorless, clean and easy to apply. It can be sown by hand, like grass seed.

100 lbs., \$5.00; 50 lbs., \$3.00; 25 lbs., \$1.75;  
5 lbs., 50c.

### Matchless Market Gardeners Fertilizer

Analysis 5% Ammonia, 8% Phosphoric Acid, 7% Potash. This is a high grade fertilizer with an animal base consisting of tankage, dried blood and bone meal which are humus producers and insure a steady, lasting supply of plant food for the growing of all vegetable crops. It is entirely made up of available plant food, no filler entering into the mixture. 50% of Ammonia content is derived from blood, tankage or bone.

5 lbs., 32c; 10 lbs., 55c; 25 lbs., 95c; 50 lbs., \$1.70; 100 lbs., \$2.95.

### Nitrate of Soda

Per lb., 8c; 5 lbs., 35c; 10 lbs., 60c;  
25 lbs., \$1.25; 50 lbs., \$2.25; 100  
lbs., \$4.25.

### Acid Phosphate

100 lbs., \$1.75; 500 lbs., \$8.00  
1000 lbs., \$15.00.

### Sulphate of Ammonia

A nitrogenous fertilizer for lawn,  
garden or fruit.

100 lbs., \$4.90; 50 lbs., \$2.60; 25  
lbs., \$1.50; 10 lbs., 70c; 5 lbs., 40c;  
less @ 9c lb.

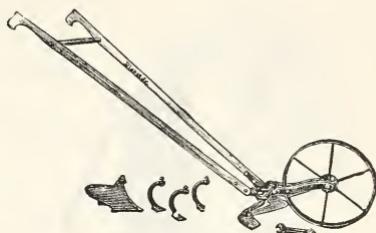
**CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES**



**Planet Jr. Seeder—No. 4D**  
Plain, as seeder only ..... \$14.25

**Planet Jr. No. 4**

Combined hill and drill seeder,  
single wheel hoe, cultivator and plow.  
Complete, \$18.00.



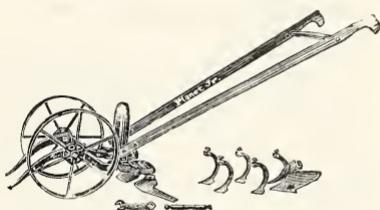
**Planet Jr. Cultivator—No. 17**  
Single wheel ..... \$7.75



**Planet Jr.  
Cultivator**

**No. 119**

With plow, cultivator teeth and  
scuffle blade, 24" wheel, \$4.75.



**Planet Jr. Cultivator—No. 12**  
Double wheel ..... \$10.75

**Star Pulverizer - - - \$3.00**  
**No. R-6 Plow - - - \$1.10**  
Can Supply other PLANET JR. Tools  
and Parts on short notice.



**Cyclone Seeder, \$2**

**Hand  
Garden Tools**

Made durable in 1-piece press-  
ed all steel Set of three, 55c.  
Garden Trowel, each ..... 20c  
Transplanting Trowel ..... 20c  
Garden Weeder, each ..... 20c



**GARDEN HOSE**—Special  $\frac{1}{2}$  inch,  
per foot, 12c; special  $\frac{3}{4}$  inch, per  
foot, 15c.

**Asparagus Knives**, V shaped blade,  
55c.

Asparagus Buncher, \$4.75.

**Asparagus Tape**—Red, 1000 yard  
spool, \$4.50. Raffia, natural color,  
lb., 50c.

Square Garden Hoes, \$1.00.

Pruning Shears, No. R433X, 25c.

Pruning Shears, malleable, No.  
R533R, 50c.

Goodwin Grass Shears, newest and  
best. No. 20 Jr., \$1.25; No. 10, \$1.75.

**Hedge Shears**—8-inch blade, No.  
R1102, \$1.90; 10-inch blade, No.  
R1104, \$2.25.

**Grass Shears**, No. R1108,  $5\frac{1}{2}$ -inch  
blade, 55c.

**Weeding Hooks**, 5-prong, No.  
R443T, 12c.

**Gardener's Favorite Weeder**, mall-  
eable, steel, No. R466, 18c.

**Gardener's Favorite Trowel**, long  
handle, No. R445, 22c.

**Gardener's Favorite Fork**, long  
handle, No. R446A, 25c.

**Spading Fork**, short handle, No.  
R444, 10c.

**CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES**



**Brown's Auto-Spray No. 9**

Compressed air sprayer. This has been the standard for many years. It is strong and simple in construction. Equipped with a clog-proof nozzle, 4 gallon brass or galvanized tank, whichever preferred. Easily operated. Excellent for spraying trees, shrubs or vines with insecticides or oil sprays. Also used for whitewashing and disinfecting poultry houses and greenhouses.

No. 9 D—Galvanized tank, with Auto-pop nozzle, \$5.90. Includes 22-inch brass spray rod.

No. 9 B—Brass tank, with Auto-pop nozzle, \$8.75. Includes 2 ft. Spray Rod.

No. 900 D—Wall Paper Remover Sprayer galvanized, \$6.25.



**Brown's Auto-Spray No. 50**

This sturdy little machine is entirely suitable for spraying on a small scale. It is particularly recommended for use where weight is a factor as when women folk or children help out with the spraying. Built exactly the same as our 4 gallon sprayers, except tank is 2½ gallon capacity. 18-inch brass extension rod with each sprayer.

Auto-Spray No. 50 B, Brass Tank.....\$7.00

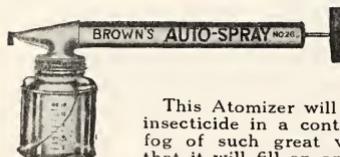
Auto-Spray No. 50 D, Galv. Tank.....\$5.00



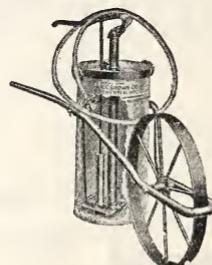
**Victory  
Sprayer  
No. 201D**

**\$4.50**

**Brown's Continuous  
Auto-Spray No. 26**



This Atomizer will spray insecticide in a continuous fog of such great volume that it will fill an ordinary room full of vapor in one minute. Handles all insecticides, fly and mosquito exterminators and floor oils. The Tin Pump, Glass Jar, \$1.25 each.



**Auto-Spray No. 3D.**

It is adapted for orchards, vineyards and truck gardens; for whitewashing poultry houses and dairy barns; spraying stock dips, treating ornamental shrubbery, flowers, etc. \$15.00.

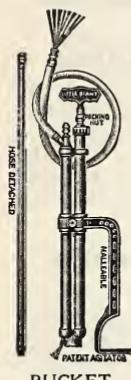


**Brass Strainer  
\$1.00**



**Non-Clog  
Nozzle, 75c**

**CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES**

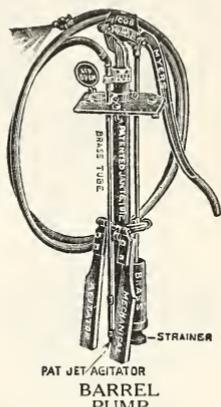


**Myers Barrel Cog Gear  
Spray Pump No. R318**

Equipped with mechanical agitator, brass cylinder, valve seats and discharge. Efficient in operation and reasonable in price. Pump only, without hose and nozzle, \$12.00.

**Myers Little Giant Bucket  
Spray Pump No. 327 1-2**

Constructed entirely of brass with air-chamber, thus giving a continuous spray. Will throw a solid stream or a fine spray. Price, complete with hose and nozzle. \$4.30.



**1-2 inch Spray Hose, 17c and 20c ft.  
3-8 inch Spray Hose, 17c per ft.**



**No. 1 Brown Duster, 60c**

<b>Cadet Duster</b>	- - - - -	<b>65c</b>
<b>Major Duster</b>	- - - - -	<b>\$1.25</b>
<b>Hudson Continuous Sprayer</b>	- - - - -	<b>\$1.10</b>
<b>Household Sprayer</b>	- - - - -	<b>10c</b>
<b>Midget Sprayer</b>	- - - - -	<b>35c</b>
<b>Fog Sprayer</b>	- - - - -	<b>40c</b>
<b>Misty Sprayer</b>	- - - - -	<b>50c</b>

2 ft. Brass Extension Rods	.....	50c
45° Bends,	.....	25c
Hose Clamps	.....	8c
Male Ends for $\frac{1}{2}$ -inch hose	.....	35c



Whirlwind Atomizer (tin) ..... 50c

**"Norcross" Cultivator-  
Hoes and Weeders**

5-prong, 4 ft. handle	.....	\$1.00
3-prong, 4 ft. handle	.....	75c
"Midget," 9 in. handle	.....	40c



**"Townsend Flyer" LAWN MOWER**

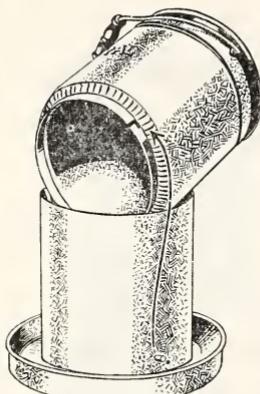
The mower that has been giving dependable satisfactory service with least repair upkeep.

14-inch, \$11.50      16-inch, \$12.50      18-inch, \$13.50

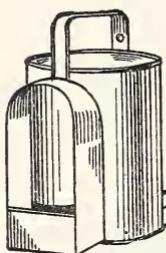
**Fairbanks Single Beam Portable Platform Scale No. 1128**

Capacity 500 lbs. Beam graduated 50 by  $\frac{1}{4}$  lb. Platform size 16x25 inches. Especially desirable for farmers' use.

**\$19.00**



Fountain No. 10



Hooded Wall Fountain



Bottom Fill Cone Top Fountain



Jar Chick Fountain

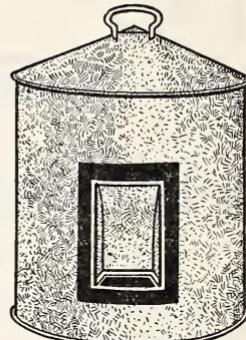
## POULTRY SUPPLIES

### Royal Thermic Fountains

Sanitary, non-freezing. Walls packed with efficient insulating material. Keeps water warm in winter and cool in summer. We guarantee them to give satisfaction or they may be returned to us within ten days and money will be refunded. 2 gal., \$2.30; 3 gal., \$2.60; 5 gal., \$3.25. Special price on half dozen and dozen lots.

### Royal Cleanable Thermic Fountain No. 10

5 gallon size, \$3.75.



Thermic Fountain

**HOODED CLEANOUT FOUNTAINS**—Galvanized No. 68, 1 gal., 90c; No. 69, 2 gal., \$1.10.

**HOODED WALL FOUNTAINS**—Galvanized,  $\frac{1}{2}$  gal., 60c; 1 gal., 80c; 2 gal., 95c.

**EARTHEN FOUNTAINS**—Round, with removable top. 1 gal., 65c; doz., \$7.20; 2 gal., \$1.00;  $\frac{1}{2}$  doz., \$5.70; doz., \$10.80.

**BOTTOM FILL CONE TOP FOUNTAINS** No. 75—1 gal., 45c each;  $\frac{1}{2}$  doz., \$2.55; doz., \$4.85.

No. 50—2 qt., 37c each;  $\frac{1}{2}$  doz., \$2.10; doz., \$4.00.

No. 25—1 qt., 30c each;  $\frac{1}{2}$  doz., \$1.70; doz., \$3.25.

**CLEANOUT FOUNTAINS, Bucket Style**—Convenient and desirable. Galvanized.

No. 203—3 gal. size, \$1.45 ea.

No. 205—5 gal. size, \$1.90 ea.

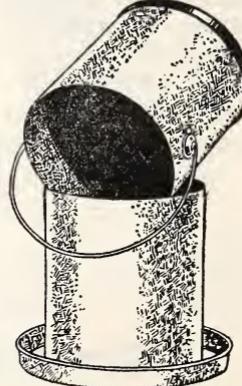
**TIN BUTTERMILK CLEANOUT FOUNTAIN, Bucket Style**—Charcoal tin insures safety for Buttermilk.

No. 303—3 gal. size, \$1.85.

**MASON JAR CHICK FOUNTAINS**—Pan only. Will fit any standard jar. Galvanized, 10c each; doz., \$1.10. Charcoal Tin—Insures safety in using for buttermilk, 12c each; doz., \$1.25.

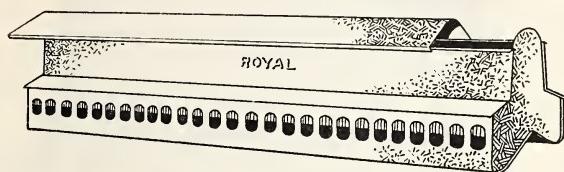
**FELKER FOUNTAINS**—Galvanized, cleanable. 1 qt., 35c; 5 qt., 90c; 10 qt., \$1.25.

**Felker Handy Jar Fountain No. 242**—25c each.

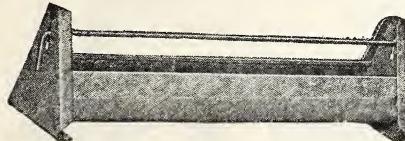


Bucket Style  
Cleanout Fountain

**CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES**



holes, 18 qts., \$1.70. No. 284—48 in. long, 72 holes, 24 qts., \$2.20.



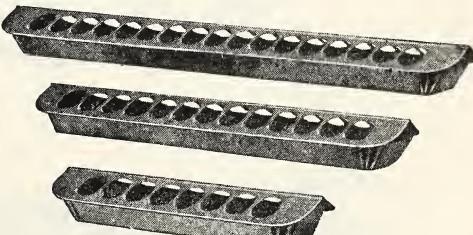
<b>OPEN CHICK TROUGH No. 240</b>	
Each .....	30c
½ doz. ....	\$1.70
Dozen .....	\$3.20

**BUTTERMILK FEED TROUGHS**—Charcoal tin. Reinforced, convenient, inexpensive. Holes punched in a way that eliminates sharp edges.

No. 312—12 in. size, 30c ea.; ½ doz., \$1.70; doz., \$3.20

No. 318—18 in. size, 40c ea.; ½ doz., \$2.30; doz., \$4.45

No. 324—24 in. size, 50c ea.; ½ doz., \$2.90; doz., \$5.60



Buttermilk Feed Troughs

**GALVANIZED FEED TROUGHS**—Same style as Buttermilk Troughs.

No. 224—24 in. long, 40c each; dozen, \$4.50.

No. 218—18 in. long, 30c each; dozen, \$3.40.



Sexton Mash Hopper

**SEXTON DRY MASH HOPPERS**—Small, 90c; medium, \$1.45; large, \$2.35.

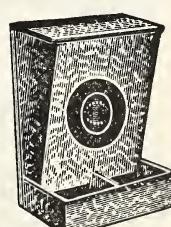
**GLOBE MASH HOPPERS**, \$2.10 ea.

**GRIT AND SHELL HOPPERS**—Galvanized. Small, 3 compartment, 85c; large, 4 compartment, \$1.05.

**COLLINS OAT SPROUTERS**—Five pan, \$2.50; 8 pan, \$3.20.

**TIN HAND SCOOPS** — Wooden

handle, \$1.20 ea.

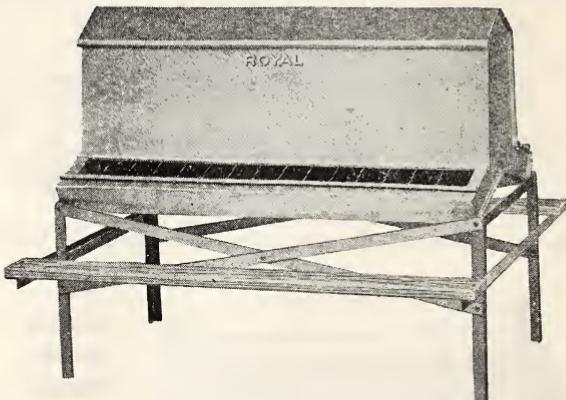


Grit and Shell  
Hopper

## Mammoth Mash Hopper

Made from heavy galvanized iron to hold 100 lbs. mash food. Stand made of galvanized angle iron with wooden bars for fowls to stand on. Length 36 inches.

No. 85 — \$7.50

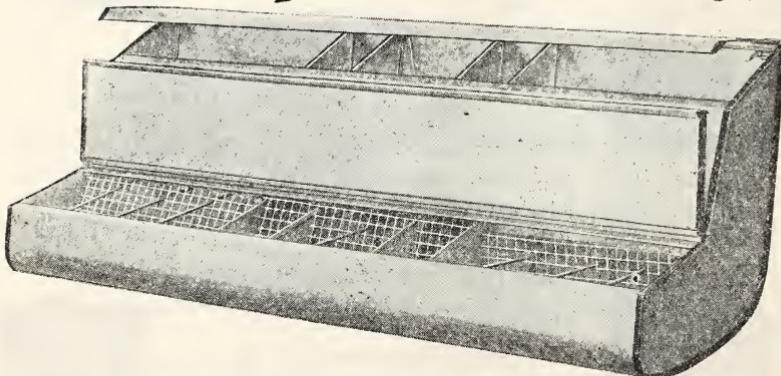


## Royal Mash or Green Feed Trough With Stand



Made of heavy galvanized iron with heavy wire hinged top, easily removed from stand for filling or cleaning. Stand made of heavy galvanized iron with wooden perches.

No. 48—4 ft. long, \$2.50  
No. 60—5 ft. long, \$3.25



## New Royal Mash Hopper

Accurately made of extra heavy galvanized prime sheets, double seamed. Hopper being larger at the bottom than at the top prevents clogging of feed. Has adjustable screen and wire agitators. Holes in back of hopper for hanging on wall. Fowls cannot roost on hopper.

No. 81—12" long, 14 qt. \$1.50    No. 83—24" long, 32 qt. \$2.25  
No. 82—18" long, 22 qt. \$1.90    No. 84—36" long, 45 qt. \$3.75

## CASSEL'S DEPENDABLE FARM AND POULTRY SUPPLIES

### CEL-O-GLASS

For Chicken Houses, Hotbed, Etc.

Especially desirable for use in raising chicks on account of the Ultra-Violet Rays passing thru this material.

Sq. ft., 15c; roll of 25 ft. (75 sq. ft.) or over, 14c per sq. ft.

### FLEX-O-GLASS

A coated cloth permitting the Ultra Violet Rays to pass through. Less expensive but not as durable as Cel-O-Glass. Price, 30c per sq. yd.; 10 sq. yds. or over @ 29c per sq. yd.



### Cardboard Egg Boxes

3x4 FLAP COVER, \$7.50 per 1000; \$1.88 per 250; less @ 1c each.

3x4 TELESCOPE LOCK TOP, no string needed, \$8.50 per 1000; \$2.13 per 250, less @ 1c each.

2x6 TELESCOPE LOCK TOP, \$11.25 per 1000; \$2.82 per 250; less @ 1 1/4c each.

Extra for special printing on egg boxes—1000, \$1.50; 5000 @ 75c M.



Handy Scraper

### Nest Eggs

Non-breakable, white enameled wood, doz., 55c; each, 5c.

### Handy Scraper

Convenient for cleaning chicken roosts, each \$1.25.

### Celluloid Legbands

Assorted colors. Leghorn, Rock and Duck sizes, 50c per 100. 50 @ 30c; 25 @ 20c; less than 25 @ 1c each.

Pigeon and Chick sizes. 35c per 100; 50 @ 20c; less at 1/2c each.

### Economy Colored Pigeon Bands

Double numbered. 100 (50 pairs) \$1.40; less than 50 (25 pairs) @ 2c per band.



### PEAT MOSS for litter. Bale, \$2.85.

5 bales @ \$2.80 each; 10 bales @ \$2.70 each.

### Keepsafe Egg Preserver

Pt., 22c; qt., 38c. Quart can preserves 20 dozen eggs. Efficient and economical. Keeps eggs safely for eight months.



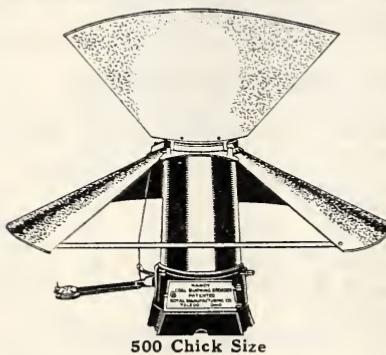
## BROODER STOVES

### Dandy Brooder

From Buckeye Incubator Co. 500 chick size. Coal burning, automatic draft control, 52 inch removable hover, thermostat heat regulator. This is an exceptional value.

New low price—

**\$11.25**



### Handy Brooder

From Royal Mfg. Co. 500 chick size. Double wafers—thermostat heat control with check drafts, 52 inch hover with front section hinged giving ready access to stove. Will burn hard or soft coal. 40 lb. coal capacity, 12-inch grate. Height of stove, 24½ ins. New low price—

**\$11.25**

## Improved Buckeye Colony Brooders

Extra large coal capacity, burns soft or hard coal. Has double check draft increasing efficiency and eliminating waste of fuel. Revolving hover, thermostat heat control.

No. 118—500 chick size, 52 inch hover ..... **\$18.50**

No. 119—1000 chick size, 56 inch hover ..... **\$22.50**

## Newtown Brooders

Efficient with soft or hard coal assuring super-abundance of heat. Self-feeding coal magazine insuring correct warmth for every chick. No chilling or overheating.

No. 11—500 chick size, 50 inch hover ..... **\$32.50**

## Royal Brooders

Burns soft or hard coal or coke, rocker grate, self cleaning; large coal capacity, wide grate with ribbed firepot. Double draft and thermostat control.

No. 6—700 chick size, 56 inch hover ..... **\$18.50**  
Coal Capacity—46 lbs.

No. 7—1000 chick size, 60 inch hover ..... **\$22.50**  
Coal Capacity—73 lbs.

RITE-HEAT OIL BURNING BROODERS furnished on special order

No. 103, Cap. 500 chicks ..... **\$26.50**

No. 104, Cap. 1000 chicks ..... **\$31.50**

BROODER WAFERS, 3 inch ..... **50c**

THERMOMETERS, Brooder ..... **50c**

THERMOMETERS, Incubator ..... **75c**

BLACK STOVE PIPE, 2 ft. lengths,  
4 inch ..... **26c each**

BLACK STOVE PIPE, 2 ft. lengths,  
5 inch ..... **28c each**

## **Norwegian Cod Liver Oil**

Vitamine Tested, Steam-Refined, U. S. P. Highest Medicinal Quality that is sold for human use, pale straw color (this is the quality we recommend).

Pt., 35c; Qt., 55c; Gal., \$1.65 in customer's cans; tin lined barrel of 30 gals., \$46.00. Barrel free.

TIN CANS— 1 gal. size, 15c; 5 gal. size, plain, 40c; crated, 70c.

## **Refined Poultry Cod Liver Oil**

Straw color, non-freezing, \$1.40 per gal.; \$38.00 per 30 gal. barrel.

### **Cassel's Roup Preparation**

Effective, dependable. Especially when throat is affected. Dissolve in drinking water. Sold for many years with excellent results.

Lb., 60c; 6lbs., \$3.30.

### **Reliable Insect Powder**

This we believe is the most effective insect powder offered although cost is higher than the ordinary powders. It can always be depended upon for the destroying of chicken lice.

Lb., \$1.00; 1/2lb., 55c; 1/4lb., 35c.

### **Dependable Lice Powder**

Effective for eliminating lice on chicks and grown fowls, etc.

Lb., 50c; 1/2lb., 30c; 1/4lb., 20c.

### **Dr. Hess Poultry Pan-a-ce-a**

1 1/2 lb. pkg., 25c; 5 lbs., 75c; 10 lbs. and over @ 10c lb.; 100 lbs. drum, \$9.00.

### **Dr. Hess Poultry Worm Powder**

1 1/2 lbs., 50c; 4 lbs., \$1.25; 25 lb. pails, \$6.25.

### **Dr. Hess**

#### **White Diarrhea Remedy**

Small pkg., 50c; large pkg., \$1.00.

### **Dr. Hess Roup Tablets**

Package, 50c.

### **Dr. Hess Instant Louse Killer**

Package, 25c.

### **Dr. Hess Improved Stock Tonic**

3 1/2 lbs., 50c; 25 lb. pails, \$3.00.

### **Conkey's**

#### **White Diarrhea Remedy**

30c pkg. and 60c pkg.

### **Lice Killer and Disinfectant, Phenolene**

An extra high quality material for diluting with water.

Pt., 40c; qt., 60c; gal., \$1.50; 5 gal., \$7.25.

### **Multum in Parvo Poultry Powder**

For Cholera and Roup in eyes and head. An excellent conditioner. Sold for many years with excellent results.

Lb., 50c; 6 lbs., \$2.70.

### **Tobacco Powder**

Extra high quality for the elimination of large and small worms in poultry.

1 lb., 10c; 5 lbs., 40c; 10 lbs., 70c. 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.50.

### **Lee's Germazone (liquid)**

32 oz. bottle, \$1.50.

### **Lee's Flu-Koff Emulsion**

32 oz. bottle, \$2.00.

### **Lee's Gizard Capsules for Worms**

50 capsules, \$1.00.

100 capsules, \$1.75.

### **Lee's Liquid Lice Killer**

1 gal. can, \$1.50.

### **Pratts Poultry Regulator**

25c and 50c pkgs; 10 lbs. and over @ 10c lb.; 100 lb. drum, \$9.00.

### **Sterilac**

2 oz. bottle, \$1.00; 8 oz., \$2.50; 5 lb. can, \$16.75.

### **Black Leaf 40**

#### **Louse Destroyer**

1 oz., 35c; 1/2 lb., \$1.25; 2 lbs., \$3.25; 4 lbs., \$6.25; 6 lbs., \$9.00; 10 lbs., \$11.85.

### **Carbolineum**

#### **Avenarius**

1 gal., \$1.60; 5 gal., \$7.00.

### **Kow Kare**

Small cans, 55c; large cans, \$1.00; dozen, \$10.50.

### **Bag Balm**

Can, 60c.



**CASSEL'S  
F. P. C. CHICK MANNA  
FOR STARTING  
Chicks - Turkeys - Pheasants - Ducks**

Produces Quick Growth—Strong Development  
Insures Success and Profit

This Food is the original, specially prepared First 10 Days Food for starting Baby Chicks, Turkeys, Pheasants and Ducks, strong, healthy and vigorous. It is distinctly different from other chick feeds.

It is a clean, wholesome, nutritious, honest food, being prepared with great care as to quality and quantity of each article that is used in the make-up, and has so fully met the needs of the chicks that the formula has never been changed since first manufactured in 1884.

**The Standard Baby Chick Food Since 1884**

Baby Chicks' delicate digestive organs require a special prepared food properly balanced to meet the entire needs of their little bodies during the most critical period.

It regulates and strengthens chicks' fine, tender digestive organs and aids in the prevention of those fatal attacks of bowel trouble and other chick ailments. It comprises a variety of nutritious foods and health-preserving properties, so proportioned and combined as to be peculiarly adapted to promote health, quick growth and strong development which means profit in broilers and early layers and makes winning show birds. Especially valuable for raising chicks in Winter and Early Spring.

**"They Like It and Thrive Wonderfully on It."**

Chick Manna is an economical food in that it accomplishes its purpose in giving chicks a strong, healthy, vigorous start if fed for the first 10 days, during which time chicks eat a small amount of food.

**For Feeding Dry or Moistened**

Feeding Chick Manna will cost about 1 cent per chick for the first 10 days to start them right. The saving of 50 chicks should more than pay the cost of enough to feed about 1000 chicks for the first 10 days.

Five pounds should feed about 75 chicks for the first week; 60 pounds about 900 chicks; 100 pounds about 1,500 chicks, and 500 pounds about 7,500 chicks for the first week.

100 lbs., \$5.90; 50 lbs., \$3.15; 25 lbs., \$1.75; 15 lbs., \$1.40; 5 lbs., 55c; 3 lbs., 35c; 1 lb., 12c.

**ALWAYS DEPENDABLE  
Satisfaction Guaranteed or Money Back**

**Cassel's "Dependable" Feeds**

Current Prices - Feb. 1, 1929

The market on Feed is variable, therefore, prices given on this sheet are values at the time of our going to press, and are strictly subject to change without notice; also subject to our confirmation and stock being unsold on receipt of order. Ask for firm quotations when ready to buy. All bags are included without extra charge and prices are f.o.b. Lansdale. Terms cash at time of getting feed. On quantities of less than 100 lbs. prices are slightly higher. Ton prices on request.

	100 lbs.		100 lbs.
Wheat—Hard .....	\$ 2.50	Beef Scrap, 50% protein .....	4.15
Wheat Bran .....	2.20	Beef Scrap, 55% protein .....	\$ 4.40
Wheat Middlings .....	2.40	Fish Meal, 55% protein .....	4.60
Corn—Fancy Domestic .....	2.40	Bone Meal—Sterilized Steamed .....	3.50
Flint Corn .....	3.6	Cracked Corn .....	2.50
Cracked Corn .....	2.50	Buttermilk—Flake Dried .....	9.50
Corn Meal .....	2.50	Powdered Skim Milk .....	9.50
Gluten .....	2.50	Oil Cake Meal .....	3.65
Kaffir .....	2.60	Cottonseed Meal .....	3.20
Milo .....	2.45	Beet Pulp .....	
Oats—Heavy .....	2.55	Bird Millet, red and yellow .....	4.50
Chopped Oats .....	3.40	Bird Vetch .....	6.50
Pinhead Cut Oatmeal .....	3.40	Hemp Seed .....	6.80
Oat Groats .....	3.40	Sunflower—lb. 12c .....	9.50
Rolled Oats .....	3.40	Rape Seed—lb., 12c .....	9.00
Fine Ground Oatmeal .....	3.40	Flax Seed—lb. 12c .....	9.00
Fine Feeding Oatmeal .....	3.25	Canary Seed—lb. 11c .....	7.75
Alfalfa Leaf Meal .....	3.10	Canary Mixture—lb. 12c .....	8.50
Buckwheat .....	2.50	Thistle or Niger—lb. 22c .....	
Barley .....	4.25	Poppy or Maw—lb. 22c .....	
Rice .....		Oyster Shell—3 sizes .....	1.00
Canadian Peas .....	5.50	Oyster Shell Meal .....	.60
Green Peas .....	5.90	Mica Crystal Grit—3 sizes .....	1.00
Wrinkled Peas .....	3.70	Red Cross Grit for pigeons .....	2.10
White Imported Peas .....	5.00	Foust Health Grit for pigeons .....	1.85
Ful-O-Pep Chick Starter .....	4.35	Fos-For-Us Grit .....	1.50
Ful-O-Pep Growing Mash .....	3.60	Charcoal—4 sizes .....	2.75
Ful-O-Pep Egg Mash .....	3.50	Charcoal—lump @ 6c lb. ....	
Schumacher Feed—Sugaried .....	2.40	Salt—Feeding .....	1.20
Dependable Dairy Feed .....	2.80	Salt—Free Running Table .....	2.20
Green Gross Horse Feed .....	2.65	Salt—Rock @ 3c lb. ....	2.50
Blatchford Calf Meal .....	5.95	Salt Bricks—22c each — doz	\$ 2.50
Dried Brewers' Grains .....			
Ground Limestone .....	1.00		

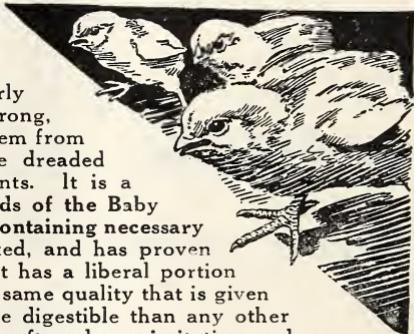
(ALL FEEDS ARE OF BEST QUALITIES)

# "DEPENDABLE" CHICK STARTING FOOD

For Chicks—Turkeys—Pheasants—Ducks

Feed dry for the first 6 to 8 weeks

This food is composed of just the right combination of wholesome and nutritious food materials carefully selected, of the highest qualities, properly balanced to give the baby chicks the strong, healthy vigorous growth, protecting them from disease and aiding in preventing the dreaded bowel trouble and other chick ailments. It is a complete food to meet the entire needs of the Baby Chick during the most critical period, containing necessary minerals and vitamines, readily digested, and has proven to produce most satisfactory results. It has a liberal portion of pure table quality Oatmeal, just the same quality that is given to children in the home. This is more digestible than any other grain product (96% available); it is soft and non-irritating and a valuable muscle builder. Then too, this food contains Cod Liver Oil of the very highest grade, rich in Vitamines, the refined U. S. P. medicinal quality for human use, in sufficient quantity to help assimilate the other foods and aid in the prevention of Rickets, leg weakness and toe picking, and furnishes nourishment to build strong, healthy bodies. Cod Liver Oil is especially important when raising chicks during winter and early spring as it has the same effect as sunshine.



The high quality Buttermilk and Skim Milk are appetizers, rich in protein and valuable lactic acid which aids in digestion and keep the tender digestive organs clean and healthy, and builds flesh. Aids in preventing Coccidiosis.

The Sterilized Steam Bone provides the elements needed for the development of bone and nerve. Only specially selected quality corn is used in its make-up and we secure this from sections that have produced the best available quality. The Middlings are selected especially for adaptability for baby chicks, rich in vegetable protein.

In addition to these ingredients mentioned, it contains high grade meat, fish, sulphur, chalk and aniseseed. Uniformly and thoroughly mixed, with the high quality and careful preparation constantly maintained, backed by our 45 years experience and reputation in the making of baby chick feeds that have been the standard since 1884.

You are assured of this food being fresh mixed, which is so important in feeding baby chicks to secure successful results. Chick starters that have been carried over from stock of a previous season should be avoided. Having this fresh mixed nearby is a decided advantage over western ready-mixed chick starters.

## ALWAYS DEPENDABLE

Satisfaction Guaranteed or Money Back

100 lbs., \$4.10; TON, \$80.00

We advise using Our Mixed Cracked Grains for chicks in connection with Dependable Starter—see opposite page.

## Dependable Chick Growing Mash Food

Develops Chicks Strong and Sturdy Into Heavy Egg Producers.  
Quality Unsurpassed

This growing food is prepared with the same special care and uniform selected quality and mixing as our starters and made from only the most carefully selected high grade materials, low in fiber, balanced in right proportions to give vigor and energy and to provide that which is needed for rapid, strong development of muscles, bone and vital organs and to produce rich blood, firm flesh and good plumage, resulting in strong, husky, healthy, fully matured pullets ready for large egg production.

You may always be sure that the quality of this Dependable Growing Mash Food is of the highest, wholesome and nutritious, and pullets fed on this good ration grow into good layers of eggs that are well formed and excellent for hatching, if the feeding of Dependable quality feeds is continued.

You see the contents of this food are just what is needed, with plenty of minerals and vitamines: Buttermilk, Cod Liver Oil of the highest medicinal quality, U. S. P., not to be confused with cheap oils that are often used for poultry; table quality Oatmeal, the same as is bought for family use; Skim Milk, Corn Meal, Pure Wheat Middlings, Meat, Fish, Sterilized Steamed Bone and other nutritious health producing materials.

After having started your chicks on our high grade starter, it is important to continue their even growth and development by feeding this Growing Mash of unsurpassed quality. Feed this from the time you discontinue the starter until changing to Dependable Egg Mash.

100 lbs., \$3.50; ton, \$68.00

### Mixed Cracked Grains for Chicks

Use this in connection with Starting Food for about five weeks. The materials are all of high quality, strictly sound and sweet, which is so important to the successful raising of chicks. Contains no grit, no shell or screenings, which may be procured at a less cost than chick feed. Thoroughly recleaned.

100 lbs., \$3.25; ton, \$63.00

### Mixed Grains for Developing Chicks

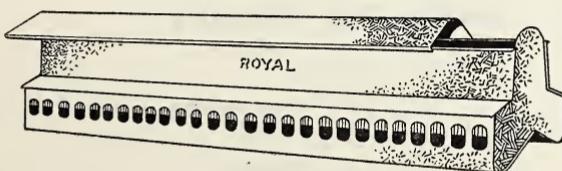
Use in connection with Growing Mash after chicks are four to five weeks old and continue for three months. Contains only sound quality materials, properly balanced for quick growth. No shell, grit, or screenings. Thoroughly recleaned.

100 lbs., \$3.10; ton, \$60.00

### No Waste Feeder

Just what is needed to economically feed Chick Starter and Growing Mash Foods.

24"	— 12 qt.—\$1.40
36"	— 18 qt.—\$1.70
48"	— 24 qt.—\$2.20



# **Dependable Egg Mash Food**

**Keeps Hens Healthy and Increases Egg Production**

**Superior Quality—Profitable Results**

If profitable egg production is wanted, hens must be fed on the right egg forming food materials. Dependable Egg Mash Food is composed of 17 high quality selected ingredients properly balanced with the right kind of needed minerals and vitamines and both animal and vegetable protein which may be easily assimilated for abundant egg production and to be eagerly eaten by the hens, thus keeping them in a healthy, vigorous condition.

Contains only high grade materials. The Cod Liver Oil is of the highest medicinal quality, U. S. P., not to be confused with cheap oil often used for poultry. Fine ground Oatmeal which is so essential; Buttermilk and Skim Milk as an appetizer and to supply lactic acid to keep the digestive organs clean and healthy; Alfalfa Meal for vegetable protein and rich in natural minerals; Fish and Meat for animal protein; Special Pure Wheat Middlings and other nutritious, health producing materials.

Our customers have been reporting most excellent results and we do not believe there is a higher quality egg mash food offered on the market at this time. It is entirely a quality feed and the price at which we offer it is reasonable.

For more eggs and healthy hens, keep **DEPENDABLE EGG MASH FOOD** before your hens at all times.

**100 lb., \$3.40; ton, \$66.00**

## **Mixed Grains for Poultry**

**FORMULA NO. 1**

Comprises a variety of sound selected grains properly balanced for a Scratching Feed, containing a limited amount of Cracked Corn. No shell, no grit, no screenings. Recleaned.

**100 lbs., \$2.80; ton, \$54.00**

## **Mixed Grains for Poultry**

**FORMULA NO. 2**

A Scratch Feed made of sound grains with a larger quantity Cracked Corn than our No. 1 Formula. No grit, no shells. Recleaned.

**100 lbs., \$2.70; ton, \$52.00**

# **Dependable Mixed Feeds For Pigeons**

All our mixed feeds offered below consist of strictly high quality feeds, properly balanced, and are thoroughly recleaned before being bagged, thus removing hulls, dust and fine material.

Our success in the preparing of mixed foods for chicks and poultry is built on our earnest endeavor to give the highest quality materials in all our high-grade mixtures. Less than 100 lbs., slightly higher. Prices subject to change.

## **Mixed Grains for Pigeons**

FORMULA "WP"

Contains: Whole Corn, Wrinkled Peas, Kaffir, Millet, Hemp, Flax, Hard Wheat.

100 lbs., \$3.15; ton, \$61.00

## **Mixed Grains for Pigeons**

FORMULA "NC"

Contains: Canadian Peas, Kaffir, Millet, Hemp, Hard Wheat.

100 lbs., \$3.55; ton, \$69.00

## **Mixed Grains for Pigeons**

FORMULA "FC"

Excellent for Racing Birds. Contains: Flint Corn, Canadian Peas, Kaffir, Oat-groats, Vetch, Hemp, Hard Wheat, Millet.

100 lbs., \$3.75; ton, \$73.00

## **Mixed Grains for Pigeons**

FORMULA "GP"

Contains: Green Peas, Milo, Kaffir, Hard Wheat, Millet.

100 lbs., \$3.90; ton, \$76.00

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## **Condensed Buttermilk**

Is of highest quality, uniform and NOT LUMPY. Easily and quickly mixed with water.

In barrels at \$4.50 per 100 lbs.

$\frac{1}{2}$  bbl. @ \$5.25 per 100 lbs.— $\frac{1}{4}$  bbl. @ \$5.75 per 100 lbs.—70 lb. tubs, \$4.10 each.

Our customers take no risk when buying from us, as all merchandise we sell must please you or you may return it within 3 days from date of purchase and amount paid will be refunded.

# CASSEL'S DEPENDABLE SEEDS AND FEEDS

The following should especially interest you.

Prices subject to change—For description, see pages noted  
Our prices are based on Strictly Cash

Dependable Chick Starter, Page 54 .....	100 lbs., \$4.10
Dependable Chick Growing Mash, P. 55, 100 lbs.,	\$3.50
Dependable Egg Mash, Page 56 .....	100 lbs., \$3.40
Dandy Brooder Stoves, 500 Chick size .....	\$11.25
Card Board Egg Boxes, 3x4, Page 49, .....	1000, \$8.50
Cod Liver Oil, Norwegian Medicinal U.S.P., gal.,	\$1.65
Wizard Sheep Manure, Page 2 .....	100 lbs., \$2.95
Green Quick Lawn Seed, best by test, Page 3 .....	lb., 40c
Fordhook Bush Lima Beans, Page 8 .....	qt., 85c
Cassel's Favorite Round Pod Beans, Page 6 .....	qt., 80c
Cassel's Favorite Sugar Corn, Page 12 .....	qt., 60c
Cassel's Favorite Peas, best early, Page 20 .....	qt., 60c
Michigan Certified Russet, Page 39 .....	bu., \$1.34
Certified Irish Cobbler Potatoes, Page 39 .....	sack, \$3.55
Arsenate of Calcium, Page 40 .....	100 lbs., \$8.90
Blue Stone, large crystal, Page 41, in bbls.,	100 lbs., \$6.90
Brown's Victory Auto Sprayer, Page 44 .....	\$4.50
Spring Wheat—Marquis, Page 36 .....	bu., \$2.50
Red Clover—Adaptable, Page 32 .....	bu., \$15.00
Soja Beans, Wilson Black, Recleaned, Page 33, bu.,	\$2.75
White Blossom Sweet Clover, Page 35 .....	bu., \$6.60
Seed Oats, Swedish Type Recleaned, Page 35 .....	bu., 90c
Planet Jr. Hand Cultivator, Page 43 .....	\$4.75
Plantabbs, Tablet Form .....	25c, 50c, \$1.00

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**CASSEL'S SEED STORE**

**F. P. Cassel's Son—Lansdale**

**Founded 1881**

**Phone 123**